Digitized by the Internet Archive
in 2014

https://archive.org/details/originalmonthlyr1930unit

BUS

OVERSIZE

ALLEN COUNTY PUBLIC LIBRARY
3 1833 01949 5842

551.63 Un3 1930
ORIGINAL MONTHLY RECORDS OF
OBSERVATIONS AT FORT WAYNE,
IND. ; ANNUAL METEOROGICAL
SUMMARY FOR...

Not to leave the library

Indiana Documents
Collection

REFERENCE

REFERENCE

ALLEN COUNTY PUBLIC LIBRARY
FORT WAYNE, INDIANA 46802

You may return this book to any agency, branch,
or bookmobile of the Allen County Public Library.

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1930.

8—154

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 10th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form No. 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard for the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment, where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, 7, 11, and 13, of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Minor observers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provisions of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, 7, 11, or 13 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All observations, with the exception of the 12 noon local mean time observation, will be taken on 75th meridian time, but the standard of time in local use will also be entered.

8—154

17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data, with the exception of the 12 noon local mean time observation, will be recorded in the standard of time in local use. Data on Form No. 1014, and the notes on Form No. 1083, unless otherwise noted, will be in the standard of time in local use.

FORM No. 4012, MIS.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter; in case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him. The error letter will be returned to the Central Office through the section center. Employees are enjoined to see to it that all corrections indicated and all resulting changes are made in Forms No. 1001, No. 1002, and No. 1014, and the Climatological Record. The carbon copy of the letter which accompanies it will be filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late, it will be recorded in brackets with the exact time at which it was taken and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the record by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, 10, and 13, and must be kept up to date. All footings on pages 4, 5, 7, and 11 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained Form No. 1002 before mailing Form No. 1001.

26. The observation will be begun 20 minutes before 8 o'clock, 75th meridian time. The cipher report should be filed at the telegraph office at 8 a. m. or p. m., 75th meridian time. The 12 noon local mean time observation will be begun exactly at that hour.

27. Instruments will be read and conditions noted in the following order: (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7) register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when specially directed (see pars. 22, 59, 69, 91, and 221). On Forms No. 1001 and No. 1083 erroneous entries in columns for original readings should have an ink line drawn through them. The obliteration of any entry in columns for original readings on Forms No. 1001 and No. 1083 is prohibited.

29. Entries of direction of wind and clouds will be printed thus: N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station as a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the "station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the "sum of corrections" as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandth of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer" the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, + .008. The temperature correction card gives a correction of — .089, to which add the sum of correction +.008 = —.081 to be used and recorded in column headed "Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the current temperature and the corrected thermograph reading 12 hours previous. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the corrected thermograph reading 12 hours previous to the time of the special.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

47. Instrumental corrections will not be applied to thermometer readings except when they are ± 0.3 or more in the case of mercurial thermometers, and ± 0.5 or more in the case of minimum or alcohol thermometers, except when the temperature is 42° or lower; and except when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is —0.5°. The true temperature is, therefore, 62.0° —0.5°=61.5°. For a reading of —8.0° the correction is —1.2°, the true temperature is —8.0° —1.2°= —9.2°. For a reading of —28.0° the correction is +7.8°, the true temperature is —28.0° +7.8°= —20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is —0.6°, and at —28.0° is —2°. The change of correction between +2° and —28° is —1.4°. For 7° it is about —0.3°. For a scale reading of —35.0°, which is 7° below —28.0°, the correction is —2.3°, and the true temperature is —35.0° —2.3°= —37.3°. When the signs of the temperature and the correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer readings should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument, but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet

bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandth of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56) except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 219). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observation of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 212 and 217–222). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink.

60. In case the register fails to record for a portion of the day, the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions, the means being recorded to tenths.

63. Average Hourly Readings.—The mean of the column headed "Sum" will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. With the exception mentioned in paragraph 71, the actual time sunshine as recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading "Sunshine recorded during hours ending" (4 a. m. to 9 p. m., standard of time in local use).

66. The "Character of sunrise and sunset" will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the sun was visible or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

67. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

68. The "Twilight correction" will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

69. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twi-

light correction thus entered will be included in the sums entered at the bottom of the page.

70. Under "Hours of sunshine" the column headed "Total" will be the total recorded, including twilight correction. The "Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

71. In order that the first and last of the monthly "sums" under "hours ending" shall not be discordant with the "divisors" employed at the end of the month, the first and last fractional proportions of the "twilight correction" will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

72. The "Percentage of possible hours of sunshine" will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the "Possible" for the same date.

73. The daily sunshine percentage may, at the option of the official in charge, be entered on the right-hand margin of page 8, retained Form 1001.

74. The "Percentage of possible for each hour" will be determined by dividing the "Sums," multiplied by 100, by the number of hours of possible sunshine for the entire month, during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the "Hours of possible sunshine" will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The "Percentage of possible" for the month will be determined by dividing the sum of column headed "Total," multiplied by 100, by the "Possible" for the month. The possible hours for the month is not always the sum of the daily totals. (See paragraph 28, Circular G.)

75. All percentages will be recorded to the nearest whole per cent.

76. If at any time, the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

77. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 76, but the record for the entire time will be in black ink, and the entries for the fractional hours will be recorded to hundredths.

78. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of the sun's disk, and note those observations on the margin of the page.

WIND.

79. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 176–179. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds the verifying velocity at stations on the Atlantic, Pacific, and Gulf coasts, and on the Great Lakes; at all other stations when it equals or exceeds 33 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

80. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

81. The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

82. Whenever there is a break in the record, enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

83. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

84. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing direction for any single hour. If two or more directions are recorded an equal number of times on Form 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as "0" the direction for that hour will also be "0."

85. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

86. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

87. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

88. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

89. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

90. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

91. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 165). This velocity will be entered in the space provided at the top of the page.

92. At specially designated stations the number of miles and the length of time from each wind direction will be compiled from the data entered on pages 6 and 7, Form 1001. The number of miles for each particular hour will be credited to the prevailing wind direction for that hour.

Example.

On the 1st: Prevailing wind direction for each hour to 12 noon, W.
Total wind movement to 12 noon, 196.
Prevailing wind direction for each hour, 12 noon to mid., NW.
Total wind movement, 12 noon to midnight, 248
The record for the 1st: W., 196 miles in 12 hours.
NW., 248 miles in 12 hours.

The sum of the percentages of time from the eight directions should be 100. When this sum is more than 100, deduct 1 per cent from one, or more, of the percentages which was increased most in discarding the decimals, to reduce the sum to 100. Likewise, when the sum is less than 100, add 1 per cent to one, or more, of the percentages according to a similar rule. The same rules apply to the percentage of miles.

CLOUDS.

93. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St., Fr.Cu., Fr.St.

94. The amount of clouds will be recorded on a scale of zero (0) to ten (10). When shreds of clouds are observed below a complete cloud cover, the total amount of clouds may exceed 10. Example: 10 St.NW., Few Fr.St.SW. If no clouds are visible, record zero (0); less than one-tenth, record "Few"; less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

95. Haze, smoke, dust, and fog will be recorded in tenths, and must be designated as dense or light. These amounts will not be considered in footing up the columns.

96. When dense haze, dense smoke, dense dust, or dense fog obscures eight-tenths or more of the sky and no other clouds are visible, the state of the weather will be recorded as "Hazy," "Smoky," "Dusty," or "Foggy." Otherwise the state of the weather will be determined by the proportion of visible sky covered with clouds, exclusive of haze, smoke, dust, or fog present.

98. Haze will not be given a direction. Fog, dust, and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction. The most frequent kind and direction of clouds, page 9, Form 1001, will be determined by the entries on pages 2, 3, and 11. Haze, fog, dust, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog, dust, and smoke will be considered in determining the prevailing direction of clouds, but the amount of fog, dust, or smoke will not be considered in the sums and averages.

99. If there be two or more levels of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

100. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St. Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, in addition to the dense fog, record "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

101. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

102. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

103. The "Character of day" will be determined from data in column headed "Average cloudiness"; zero to three, inclusive, record "Clear"; four to seven, "Partly cloudy"; eight to ten, "Cloudy."

PRECIPITATION.

104. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

105. When a thunderstorm occurs the international symbol for thunderstorm (⚡) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard time in local use, on which thunder was heard.

106. The amount of rainfall will be determined by measuring with the "Measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken, the amount of precipitation for that observation will be measured the same as if both observations were taken.

107. When there is danger of evaporation, the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one, it will be substituted therefor.

108. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of the snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt or weigh the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation, with an explanatory note.

109. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the

gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten, or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

110. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observations on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

111. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

112. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as "a" and "p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

113. The depth of snowfall (maximum depth, less amount, if any, on ground before the period) during the preceding twenty-four hours will be entered each day in the column headed "Unmelted ..... p. m. to ..... p. m.," on page 8. If there are several separate snowfalls within the 24-hour period, each one of which melts before the following one occurs, the total fall for the 24-hour period will be the sum of the maximum depths for each fall.

114. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as "T," and in the case of the latter a marginal note "Melted as it fell" will be entered.

115. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the means of three measurements when the snow is drifted), will be entered in the column headed "On the ground at ..... p. m.," page 8.

116. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 114.

117. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

118. Care should be taken in determining the character of precipitation when in the form of sleet or hail.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

119. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear"; four to seven tenths, inclusive, "Partly cloudy"; eight to ten tenths, "Cloudy"; and "Misting," "Sprinkling," "Light rain," "Heavy rain," "Light snow," "Heavy snow," "Sleeting," "Hailing," "Threatening," and "Clearing" when these conditions exist (see paragraphs 96 and 104). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the "State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as "Clear."

120. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, and thunder has been heard or lightning seen within the hour previous to the observation, the international symbol for thunderstorm will be entered after "State of weather."

FOOTINGS AND SUMMARY.

121. *a.* No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction of clouds.

f. On page 3, under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet.*

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. +p. m.÷2) will be obtained by adding the monthly means of the a. m. and p. m. observations and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and minimum temperatures by 2.

h. In determining the highest and lowest pressure for the month the barograph trace will be considered, and if any corrected barograph reading is lower or higher than the recorded station pressure for any regular or special observation, this reading will be entered under the heading "Station" on page 10, to three decimal places, the last decimal being zero. The corrected thermograph reading at the time of this barograph reading will be entered to whole numbers as the "Dry," and the reduced pressure determined according to the rule for special observations. The other entries should indicate the date and time of occurrence. The pressure values thus derived will be used in determining the highest and lowest for the month for entry on page 9. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below, will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 200.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l, unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the non-excessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In computing the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of columns headed "Snowfall, unmelted, ... p. m. to ..... p. m.," page 8.

p. To be determined from page 6 or 13 at stations that prepare either or both pages and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare pages 6 or 13. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 105.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

122. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure to be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

123. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means (except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

124. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico. In the spring all frosts will be recorded, beginning March 1, in the portions of Washington and Oregon west of the Cascade Mountains.

125. In the spring in all sections, except those mentioned in paragraph 124, the date of occurrence of each frost will be recorded on and after the date that the daily normal temperature is 43°.

126. All frosts occurring at any station between May 1 and August 31 will be recorded.

127. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 124.

128. Frost will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality; and "killing," frost that is destructive to vegetation and staple products.

129. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

130. Page 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

131. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form No. 1001. Subjects will be indexed by month and date.

132. The meteorological notes will be written with a typewriter and the writing should be single spaced. If necessary, an additional sheet will be inserted. A press copy will not be made.

133a. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

133b. Measurements of snow should be made at intervals during the occurrence of heavy snowfall in order to determine the maximum depth. These measurements should be recorded on page 12 and also in the notes on Form 1014.

134. In describing weather conditions and phenomena midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

135. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

136. Whenever a killing frost occurs the "Met'l Notes" will contain a statement of the kinds of vegetation killed, the degree of maturity at the time of the frost, the estimated percentage of loss, and any other facts that favored the formation of frost, or that tended to increase the injury.

137. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes.* If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

138. *a.* A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs within a radius of 25 miles from the station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town, the distance, and direction from, should be noted.

e. The appearance of the cloud; glow and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

139. Whenever damaging hail falls at or within 25 miles of the station, a report will be made in the "Met'l Notes," stating the size of the stones and the nature of the damage.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar, and lunar; rainbows; coronas; parhelia; paraselenæ and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through, west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the "illumination" left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under "Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as "July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed " Total " and " Possible " will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The " Percentage " will be taken from the monthly percentage of " Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. At stations preparing page 13, the prevailing direction for the year will be determined by the direction having the greatest number of hours; at all other stations it will be determined from the sums of " Number of times observed blowing from the N., NE.," etc.

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed " For the month " from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal places as the data from which it is obtained are recorded.

153. Page 7, " Wind—number of miles and length of time from each direction," will be prepared at stations that tabulate these data.

FORM No. 1003.

154. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed on Form No. 1002. One copy will be forwarded to the Central Office with Form No. 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

155. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

156. Enter against the heading " Temperature at the end of hour " the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

157. Under " State of weather " enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be " R. B. 9.15 " in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

158. On the right-hand margin of the form, opposite the heading " Total depth of snow," etc., the total depth of snowfall for the twenty-four hours ending at the local standard time corresponding to 8 p. m., 75th meridian time, will be entered.

159. When necessary, additional data in regard to hail fall and sleet fall, and ground covering of hail, sleet, and ice will be entered.

160. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time, will be entered.

161. In the spaces against the heading "Amount of precipitation " will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leave the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

162. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated, and a note to that effect will be made.

163. In the spaces headed " Cloudiness and other conditions " the state of the weather will be indicated by the words " Clear," " Partly cloudy," " Cloudy," " Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and the standard astronomical symbol entered to indicate the phase of the moon on the date for the maximum of each phase. The entry of time of moonrise and moonset is optional. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The " Character of the day " will be entered in the space provided for it.

164. The space headed " Sunshine " is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

165. In like manner the spaces for " Wind direction " and " Wind movement " will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, " Maximum velocities exceeding ..... miles," will contain a statement of the maximum hourly velocity and direction, together with the time the maximum occurred, as taken from Form No. 1017, or No. 1015, whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 22 miles will not be entered unless there is a demand for them at the station. Officials in charge will aim to enter only those maximum velocities which may be of importance to the public interests at the station.

166. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

167. Copies of the barograph and thermograph traces, including the red-ink corrections entered on the original trace, will be made on the diagrams at the foot of the page.

168. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting and lowering of warnings of all kinds; as to snow, see paragraph 133b. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink.

169. All special features will be indexed.

FORMS No. 1015, No. 1017, AND No. 1028.

170. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made, as 75th meridian time, 90th meridian time.

171. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

172. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

173. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

174. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

175. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

176. Current Velocity, How Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.40 p. m. and 7.45 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4}\times12=15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7=8\frac{4}{7}$ miles, recorded as 9 miles.

177. Maximum Velocity, How Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60\div13=4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

178. The extreme velocity each day (from midnight to midnight) will be ascertained with reference to the mile of wind recorded in the shortest time, thus: Find the two marks nearest each other on the anemometer sheet, calculate accurately the amount of time between these two marks (from beginning to beginning or from ending to ending), divide 60 by this amount, and the quotient will be the extreme velocity. Example: The space of time between two marks nearest each other is two minutes; $60\div2=30$, therefore 30 miles is the extreme velocity for the day.

When the maximum velocity is 12 miles per hour, or less, the extreme daily velocity for the same period of time should be the same; if more than 12 miles, the extreme velocity can be greater.

179. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

180. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated, thus: Max. 25.

181. Current Wind Velocity, How Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12 gives a velocity of 8.4 miles per hour.

182. The total movement by register for any period will be obtained by counting the number of marks in the period.

183. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have $91+990=1{,}081$; $1{,}081-950=131$, the total movement of the wind in miles from noon to noon.

184. Velocity of Wind Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

185. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

186. The accuracy of the anemometer record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading of the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3,283
Less twelve hours preceding 12 noon of the first day of month	70
	3,213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3,538(3
	2,970
Dial reading on first day of succeeding month	568

187. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon, both readings will be recorded on the sheet just taken from the register.

188. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

189. When both sunshine and rain are recorded on the same sheet the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

190. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

191. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (√) (√), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). When the recording gage is not in use in the winter the check marks indicating beginnings and endings should be omitted. Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

192. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

193. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 29, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 108 and 109.

194. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

195. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

196. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

197. Whenever the weighing gage is emptied at any hour other than noon, the time of precipitation and the amount measured will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

198. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m. will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available, otherwise they will be omitted.

199. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

200. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate and the time the precipitation fell below that rate. This, however, must

not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below the excessive rate shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more, the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation," etc., will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under "Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a.m.	7.51 a.m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a.m.	8.41 a.m.	.....	*2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a.m.	9.31 a.m.	.....	*3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

* Continued from line above.

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depth of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

201. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

202. In the case of the records from the tipping-bucket gage it must be remembered that in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts which is apt to increase with the rate of rainfall and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

203. In general, the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

204. Example 1.—The recorded amount of precipitation is 1.14 and the amount of stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded (1.14÷0.09=12; dropping all fractions).

205. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips (0.86÷0.06=14).

206. In performing the divisions indicated in these examples the observer will always drop all fractions.

207. In many cases the exact point at which a tip is added or stricken out is not of great importance but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

208. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark (×) in red ink, and the points where tips are added by a caret (∧) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

209. Stick Measurements.—At noon after each precipitation the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and upon inspection or test is found to be properly balanced, no stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an observation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

210. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local time, etc.), and date, each day's record being dated as near the noon line for that day as practicable.

211. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

212. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at the exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. The barograph trace should be corrected to agree with the station pressure. When the pen is set higher or

lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 216 and 219.

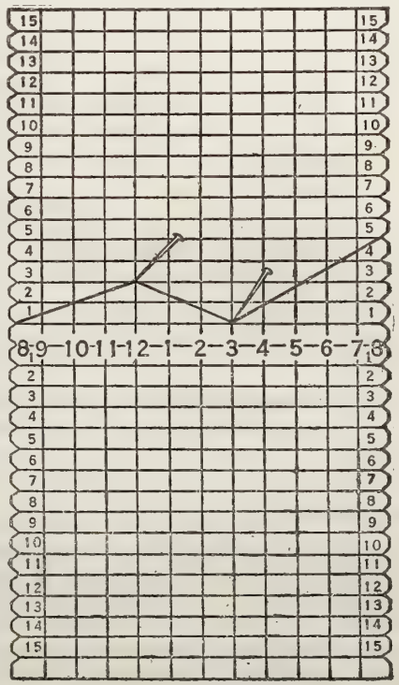
When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

213. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

214. Barograph Time Error.—The barograph pen should be touched at 12 noon, local standard time; if not touched within five minutes of that time a note will be entered giving the exact time the mark was made.

215. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

216. Correction Card, How Used. — Ascertain the difference between the thermograph reading and the dry bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.



Thermograph correction card.

217. The thermograph correction at any hour between the regular observations is the distance above or below the middle line of the point at which the band crosses that particular hour line.

Example.

Difference at first 8 o'clock observation: +2 (band above middle line).
Difference at next 8 o'clock observation: —3 (band below middle line).

Hourly correction taken to the nearest unit.

9	10	11	12	1	2	3	4	5	6	7
+2	+1	+1	0	0	0	—1	—1	—2	—2	—3

This card also will be used in a similar manner for correcting barograph readings.

218. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 212, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.

219. The readings of the maximum and minimum thermometers at 8 a. m. and at 8 p. m., 75th meridian time, should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the 24 hours.

220. These corrections will also be entered on the trace sheets and on the copy of the trace on Form 1014, and will not be accompanied by explanatory phrases such as "correction at time of max.," "correction at time of min.," "correction at 8 a. m.," etc., as these unnecessary entries confuse the records.

221. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

222. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

223. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed "Mean."

224. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

225. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

226. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. At stations possessing the necessary printing facilities the information may be published on blank sheets not larger than the standard form, or on cards not larger than one fold (one-fourth part) of the form; but no data called for by the standard form should be omitted, and the designation "Form No. 1030—Met'l" should appear at the top of the sheet or card and on the briefing fold of the sheet. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will be forwarded to the Central Office also on the first day of the succeeding month.

227. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

228. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

229. The regular data called for on Form 1030—Met'l, will be prepared as formerly, but where special tables or other data involving time, as hourly values of temperature, precipitation, and the beginnings and endings of precipitation, etc., are published, they should appear in "local standard time" throughout the year.

FORM No. 1083.

230. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

Form No. 1001—Met'l.

U. S. DEPARTMENT OF AGRICULTURE

WEATHER BUREAU

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of JAN 1930, *193*

*Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

†No. of dry thermometer in use, 9603; No. of wet thermometer in use, 6230; No. of maximum thermometer in use, 32363; No. of minimum thermometer in use, 14522

†Elevation above ground of the dry thermometer, 100 feet; rain gage, 93 feet; anemometer, 119 feet.

If the office has been moved during the ~~month~~ year, give date June 28, 1930; amount of change in height of barometer, 16.27 feet (~~higher or~~ lower)

No. of extra barometer, 675; sum of corrections, -.034; date and observation upon which use of station barometer commenced, May 20, 1911 7:00 A.M., station elevation, 856 feet; actual elevation, 839 feet.

Location of office: Number Berry & Ewing street, room 706 Wayne Pharmacal Bldg first observation taken in present office, 7:00 p m. June 28, 1930

*Cancel words that are not appropriate. † To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months. 8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JAN 1930, 193

Number of Station barometer, 6.56; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	72.0	28.974	.123	28.851	29.78	48.2	45.2	42	80	.266	48.4	39.2	S	12			0	10	st cu	W	Cloudy		C.L.H.	1
2	71.0	29.150	.121	29.029	29.97	34.5	34.3	34	98	.195	44.2	34.5	N	3			0.45	10	st	NW	Lt Snow		C.L.H.	2
3	73.0	29.294	.126	29.168	30.11	32.0	31.5	31	95	.172	34.9	30.4	S	8			T	10	st	S	Lt Snow		C.L.H.	3
4	75.0	29.800	.134	29.666	30.65	17.8	17.2	16	90	.085	24.1	17.2	S	6			0	2	ci st	SW	Clear		C.L.H.	4
5	72.0	29.560	.125	29.435	30.40	31.8	28.0	22	62	.113	33.6	29.0	SW	12			0	3	ci	NE	Clear		C.L.H.	5
6	69.0	29.270	.116	29.154	30.08	43.8	39.8	35	71	.203	43.8	40.5	S	14			0	10	st cu	W	Cloudy		C.L.H.	6
7	71.0	29.260	.121	29.139	30.08	43.0	42.0	41	92	.256	53.2	43.0	W	6			0.39	10	st	W	Lt Rain		C.L.H.	7
8	75.0	29.270	.132	29.138	30.09	31.8	31.4	31	96	.172	31.8	30.4	N	6			0.63	10	st cu	N	Lt Rain		C.L.H.	8
9	75.0	29.420	.133	29.287	30.25	25.8	25.8	26	100	.136	32.2	25.8	NE	12			0.13	10	st	N	Sleeting		C.L.H.	9
10	74.0	29.738	.131	29.607	30.59	12.2	11.4	9	84	.060	21.6	12.2	N	6			0.01	4	st	W	Pt Cloudy		C.L.H.	10
11	71.5	29.652	.124	29.528	30.50	22.0	21.0	19	86	.098	22.0	17.0	E	6			0	10	st	E	Cloudy		C.L.H.	11
12	73.0	29.257	.126	29.131	30.08	38.2	38.1	38	99	.228	38.8	29.8	SW	14			0.72	10	st	SW	Cloudy		C.L.H.	12
13	74.0	29.160	.129	29.031	29.98	33.2	33.0	33	98	.187	34.2	33.2	NE	12			0.36	10	st	NE	Lt Rain		C.L.H.	13
14	74.0	28.742	.127	28.615	29.55	38.0	38.0	38	100	.228	38.0	32.9	NE	6			1.05	10	st cu	SW	Lt. Rain		C.L.H.	14
15	72.5	29.118	.125	28.993	29.95	19.2	18.2	15	85	.081	35.2	19.2	SW	12			T	10	st cu	SW	Lt Snow		C.L.H.	15
16	75.0	29.317	.132	29.185	30.15	17.0	16.2	14	87	.077	20.4	16.8	NW	6			T	10	st	W	Lt. Snow		C.L.H.	16
17	74.0	29.420	.130	29.290	30.27	16.0	15.2	13	86	.074	18.1	13.0	S	20			T	10	st	SW	Lt. Snow		C.L.H.	17
18	74.0	29.341	.129	29.212	30.21	-14.8	-15.0	-17	87	.015	17.2	-14.8	SW	10			0.05	0	0	0	Clear		C.L.H.	18
19	73.5	29.626	.130	29.496	30.50	-3.0	-4.2	-14	55	.018	-0.8	-3.8	SW	6			0	2	a st	SW	Clear		C.L.H.	19
20	73.0	29.708	.128	29.580	30.56	14.0	13.4	12	89	.070	15.0	13.8	NE	15			0	10	st cu	SW	Cloudy		C.L.H.	20
21	75.0	29.500	.133	29.367	30.34	17.4	17.0	16	93	.085	19.0	17.4	N	3			0.11	10	st	N	Lt Snow		C.L.H.	21
22	73.5	29.530	.129	29.401	30.38	2.4	1.6	-3	76	.032	17.9	2.4	W	6			0.06	2	st	W	Clear		C.L.H.	22
23	76.0	29.434	.135	29.299	30.29	-9.6	-10.0	-14	79	.018	1.1	-9.6	SW	12			0	6	a st	SW	Pt. Cloudy		C.L.H.	23
24	73.0	29.250	.126	29.124	30.09	12.0	11.0	8	80	.057	12.0	4.8	SW	14			0	10	st	NW	Cloudy		C.L.H.	24
25	70.0	29.214	.118	29.096	30.07	15.2	14.4	12	86	.070	19.2	15.2	SW	8			0.01	Few	a st	W	Clear		C.L.H.	25
26	76.0	29.527	.135	29.387	30.38	1.2	0.8	-2	87	.034	9.2	-0.9	SW	3			0	8 2	st st cu	SW SW	Cloudy		C.L.H.	26
27	78.0	29.230	.139	29.091	30.05	25.2	24.7	24	94	.124	25.2	19.8	E	4			.03	10 10	st fog	3 SW	Cloudy		C.L.H.	27
28	72.0	29.164	.124	29.040	29.99	26.4	24.9	22	82	.113	28.4	26.4	NW	10			0	10	st	W	Cloudy		C.L.H.	28
29	77.0	29.644	.139	29.505	30.48	4.8	4.0	0	79	.038	14.8	4.2	W	4			0	0	0	0	Clear		C.L.H.	29
30	75.0	29.450	.133	29.317	30.30	4.2	4.0	3	94	.044	17.9	4.2	SE	1			0	10	Dense Fog	3	Foggy		C.L.H.	30
31	70.5	29.308	.120	29.188	30.15	20.6	19.6	18	86	.093	25.4	20.6	SW	9			.03	4 6	Lt st st cu	SW N	Cloudy		C.L.H.	31
Sums		(a)	(a)	906.350	93.627	620.5	592.5	522	2676	3.447	(a)	(a)	(a)	266	(a)	(a)	4.03	229	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.237	30.202	20.0	19.1	16.8	86.3	.111	(a)	(a)	(c) SW	8.6	(a)	(a)	(a)	7.4	U a.st L st.	USW LSW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JAN 1930, 193

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. + Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	71.0	28.947	.120	28.827	29.75	43.9	43.9	44	100	.287	53.0	43.9	NW	13			0.26	10	st	NW	Lt Rain				1
2	74.0	29.285	.129	29.156	30.10	34.9	33.9	33	91	.187	36.8	33.8	NW	4			0.06	4	st cu	NW	Pt. Cloudy				2
3	74.0	29.715	.131	29.584	30.55	24.1	23.7	23	95	.118	32.2	24.1	W	9			0.02	5	st cu	NW	Pt Cloudy				3
4	76.0	29.662	.136	29.526	30.50	33.6	30.2	25	68	.130	36.2	17.8	S	8			0	2	ci	W	Clear				4
5	71.0	29.406	.122	29.284	30.23	42.2	36.2	28	55	.150	48.4	31.8	S	10			0	4	ci	NE	Pt. Cloudy				5
6	73.0	29.221	.126	29.095	30.03	51.2	50.2	49	94	.347	53.0	43.8	S	19			0.04	10	st	S	Lt. Rain				6
7	76.5	29.345	.136	29.209	30.15	30.4	30.0	30	96	.164	43.0	30.4	N	5			0.19	10	st	N	Lt. Rain				7
8	76.0	29.405	.135	29.270	30.23	32.2	31.8	31	96	.172	33.0	30.4	NE	10			0.01	10	st	NE	Lt. Rain				8
9	75.0	29.364	.132	29.232	30.19	21.6	21.1	20	93	.103	26.1	21.6	NE	14			0.66	10	st	NE	Sleeting				9
10	77.0	29.828	.140	29.688	30.68	20.6	19.8	18	88	.093	21.8	12.0	E	9			0	4	cu	E	Pt Cloudy				10
11	77.5	29.457	.139	29.318	30.28	29.8	29.0	27	91	.143	29.8	22.0	SE	5			T	10	st	E	Cloudy				11
12	75.0	29.280	.132	29.148	30.10	34.2	34.0	34	98	.195	38.2	34.2	N	3			T	10	st	N	Cloudy				12
13	76.0	29.115	.133	28.982	29.93	32.9	32.9	33	100	.187	34.9	32.9	E	9			.09	10	Fog Dense	E	Foggy		B:530p E 11:15p		13
14	72.0	28.845	.122	28.723	29.66	35.2	34.0	32	89	.180	50.0	35.2	SW	17			T	10	st	SW	Cloudy				14
15	75.0	29.297	.132	29.165	30.12	17.9	17.2	15	88	.081	21.1	17.7	W	8			T	8	st cu	W	Cloudy				15
16	75.5	29.473	.134	29.339	30.31	18.1	17.1	14	84	.077	23.9	17.0	W	6			T	7	st cu	NW	Pt Cloudy				16
17	77.0	29.163	.137	29.026	30.00	17.2	16.9	16	95	.085	20.1	16.0	SW	12			.24	10	st	SW	Lt. Snow				17
18	76.0	29.409	.135	29.274	30.28	-0.8	-2.0	-11	59	.021	1.2	-15.0	SW	11			0	0	0	0	Clear				18
19	76.0	29.732	.136	29.596	30.60	14.4	13.2	9	78	.060	15.2	-3.0	SW	6			0	10	ast	W	Cloudy				19
20	77.0	29.599	.138	29.461	30.44	19.0	17.2	12	72	.070	20.9	14.0	S	3			T	10	st	SE	Lt Snow				20
21	78.0	29.487	.141	29.346	30.32	17.9	16.8	14	82	.077	22.8	17.4	N	5			T	10	st	NW	Cloudy				21
22	77.0	29.518	.138	29.380	30.38	1.1	0.4	-3	78	.032	12.9	0.2	SW	6			0	0	0	0	Clear				22
23	75.0	29.438	.133	29.305	30.30	5.8	5.0	+1	80	.040	9.2	-9.6	SW	15			0	0	0	0	Clear				23
24	71.0	29.211	.121	29.090	30.06	16.2	15.2	12	83	.070	19.1	12.0	SW	15			T	3	st	SW	Clear				24
25	71.0	29.445	.122	29.323	30.30	9.2	8.3	5	80	.049	20.8	14.4	W	8			T	3	st cu	W	Clear				25
26	77.5	29.345	.138	29.207	30.18	19.8	19.2	18	91	.093	20.1	1.0	E	3			.02	10	st	E	Lt. Snow				26
27	76.0	29.174	.134	29.040	30.00	28.9	27.7	26	86	.136	31.8	25.2	NE	2			T	8	st	NE	Cloudy	B5:40a E7:10a	B 7:10a E 10:50a		27
28	76.0	29.472	.135	29.337	30.31	14.8	13.9	11	84	.066	26.4	14.8	W	11			0	0	0	0	Clear				28
29	78.0	29.567	.141	29.426	30.41	17.9	16.3	12	75	.070	22.8	4.8	S	6			0	4 / 1	a st / st cu	W / W	Part. Cloudy				29
30	76.0	29.266	.134	29.132	30.10	25.4	23.8	21	80	.108	28.8	4.2	S	10			0	5	ci st	W	Part Cloudy		B 5:20 E 8:40a		30
31	76.0	29.423	.135	29.288	30.25	26.4	24.9	22	82	.113	26.9	17.4	SW	9			0	9	a cu	W	Cloudy				31
Sums		(a)	(a)	906.777	936.74	736.0	701.8	621	2631	3.704	(a)	(a)	(a)	271	(a)	(a)	1.59	197	(a)	(a)	(a)	1	3	(a)	(a)
Means		(a)	(a)	29.251	30.217	23.7	22.6	20.0	84.9	.119	(a)	(a)	(c) SW	8.7	(a)	(a)	(a)	64	U Cu St / L St	U W / L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JAN 1930, 193

Date.	Temperature: Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Zp.m. to Zp.m. *‡‡	Snow unmelted. Zp.m. to Zp.m. *‡‡	Hail, sleet, and snow on ground at Zp.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Wednesday 1	53	39	14	6 ~~8~~	46				R	8:40a	cont										.46	.08	+38	+1.38	0	0	0.2	0	1
2	39	32	7	10	36				S M R	11:15a	11:40a 5:50a	S M	5:50a	8:40a	R	9:00a	10:25a	R	11:05a	11:15a	.31	.07	+24	+1.62	0	T	T	T	2
3	32	19	13	10	26				S M	6:05	11:30a	S M	1:00p	4:00p							.02	.08	-.06	+1.56	0	0.2	0.1	0.2	3
4	36	17	19	0	26																0	.07	-.07	+1.49	0	0	T	0	4
5	48	30	18	13	39																0	.08	-.08	+1.41	0	0	T	0	5
6	53	42	11	9	48				R	2:53p	cont										.19	.08	+11	+1.52	0	0	0	0	6
7	53	30	23	6	42				R	cont	cont										.68	.07	+61	+1.13	0	0	0	0	7
8	33	30	3	10	32				R	cont	9:15a	R	11:00a	12:15p	R	6:15p	cont				.44	.07	+37	+1.50	0	0	0	0	8
9	30	17	13	8	24				R	cont.	12:40a	Sl	12:40a	9:10p							.75	.07	+68	+2.18	3.1	0	3.1	0	9
10	22	12	10	7	17																0	.07	-.07	+2.11	0.1	0	3.2	0	10
11	34	20	14	10	27				Sl	1:20p	2:00p	R	7:10p	cont							.30	.07	+23	+2.34	T	0	3.1	0	11
12	39	33	6	9	36				R	cont	5:45a	R	9:10a	9:30a	R	8:10p	cont				.55	.07	+48	+2.82	0	0	2.4	0	12
13	35	33	2	2	34				R	cont	12:00a	R	12:30p	2:30p	R	4:45p	6:00p	R	10:55p	cont	.37	.07	+30	+3.12	0	0	1.8	0	13
14	50	26	24	4	38				R	cont	7:15a										1.00	.07	+93	+4.05	0	0	T	0	14
15	26	18	8	16	22				S D	1:20a	12:30p	S D	8:50p	cont							T	.07	-.07	+3.98	0	T	T	T	15
16	24	16	8	2	20				S D	cont.	7:40a	S D	1:00p	1:15p	S D	1:40p	2:45p				T	.08	-.08	+3.90	0	T	T	T	16
17	20	-1	21	10	10				S D	12:05a	10:20p										.29	.08	+21	+4.11	0	3.0	3.0	.29	17
18	1	-15	16	17	-7																0	.09	-.09	+4.02	0	0.5	3.5	0	18
19	15	-4	19	13	6																0	.09	-.09	+3.93	0	0	3.5	0	19
20	21	14	7	12	18				S D	6:40p	cont										.05	.08	-.03	+3.90	0	T	3.3	.05	20
21	23	13	10	0	18				S D	cont	12:05p	S D	9:30p	cont							.10	.08	+.02	+3.92	0	2.0	5.0	.10	21
22	13	-8	21	16	2				S D	cont	1:30a										.02	.08	-.06	+3.86	0	1.0	6.0	.02	22
23	9	-10	19	2	0																0	.07	-.07	+3.79	0	0	5.9	0	23
24	19	5	14	12	12				S M	8:10a	8:30a	S M	11:43a	2:00p	S D	DNp	cont				T	.07	-.07	+3.72	0	T	5.8	T	24
25	21	3	18	0	12				S D	cont	DNa	S D	8:50a	10:00a	S D	1:00p	2:45p				.01	.07	-.06	+3.66	0	0.1	5.8	.01	25
26	24	-1	25	0	12				S M	1:40p	cont										.04	.07	-.03	+3.63	0	0.2	6.0	.04	26
27	32	23	9	16	28				S M	cont	DNa	R	7:05a	7:15a							.01	.07	-.06	+3.57	0	0.5	5.0	.01	27
28	28	9	19	10	18																0	.07	-.07	+3.50	0	0	4.8	0	28
29	23	4	19	4	14																0	.08	-.08	+3.42	0	0	4.6	0	29
30	29	4	25	2	16				S M	9:30p	cont										.03	.08	-.05	+3.37	0	0.[illegible]	4.4	.03	30
31	27	17	10	6	22				S M	cont	DNa	S M	5:50a	6:20a							T	.08	-.08	+3.29	0	0.3	4.4	T	31
S	712	467	445	24 ~~4~~ 2	694		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	5.62	2.33	Total excess or deficiency since Jan. 1,		3.2	7.8	(a)	(a)	(a)
M	29.4	15.1	14.4	7.8	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+3.29		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF JAN 1930, 193

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.237	29.251	29.244	27.688	10	28.580	14	1.108	30.202	30.217	30.210	30.68	10	29.50	14	1.18
Corrected mean		29.239						Corrected mean		30.205	From barograph trace				

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
20.0	23.7	21.8	19.1	22.6	20.8	29.4	15.1	22.2	53	6	-15	18	68	25	26	2	13

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
16.8	20.0	18.4	86.3	84.9	85.6	.111	.119	.115	19	0	27	6

CLOUDS.

Most frequent clouds: Stratus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6,601	8.9	SW	26	W	3	7	7	5	2	11	18	8	4	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.4	6.4	7.7	34	5	6	20	1	2	16

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	14	None	None	None	27	13, 27-30	None	None	None	None	None	None

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
5.62	1.14	13+14		None			None		4	19	14	10	1	23	14	9	7.8	4.4

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

Tipping bucket gage not in use

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
									None											

* The duration is the time precipitation was actually recorded.

8—154

Prepared by E. L. H.

Earle L. Hardy, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JAN 1930, 193

Number of Station barometer, 6 56; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
14	2 45 P	1:45 P				28.580	30.50	49.0	Extreme of pressure														Lowest		14

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JAN 1930, 193

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									213	17	12	1	7	1	32	5			264	24
2	12	4	3	1							14	3	4	1	81	15			~~144~~ 114	24
3									19	3	27	5	218	16					264	24
4									193	19	27	5							220	24
5									181	15	113	9							294	24
6									418	24									418	24
7	62	10							74	4			17	3	55	7			208	24
8	58	10	120	14															178	24
9	46	5	243	19															289	24
10	71	10	41	6	72	8													184	24
11					102	17	32	6	8	1									142	24
12	9	3	31	4					17	2	131	13	10	2					198	24
13			143	16	59	8													202	24
14			49	7	7	1	8	1	40	3	191	12							295	24
15											159	11	135	13					294	24
16											11	2	130	17	38	5			179	24
17							4	1	91	13	39	5	63	5					197	24
18											250	22	22	2					272	24
19									17	2	169	22							186	24
20	10	3	10	3	21	7	23	7	8	2	5	2							77	24
21	56	12	19	5											45	7			120	24
22											71	9	86	13	9	2			166	24
23											297	24							297	24
24											352	24							352	24
25											98	8	173	16					271	24
26					11	3	15	5	54	9	24	7							104	24
27	14	5			24	11					13	3			20	5			71	24
28											88	10	175	14					263	24
29	3	1	3	1			5	2	42	9	14	2	30	6	11	3			108	24
30							9	7	98	11	42	4					0	2	149	24
31											154	17	71	7					225	24
SUM,	341	63	662	76	296	55	96	29	1473	134	2301	220	1141	116	291	49	0	2	6601	744
PERCENTAGE,	5	8	10	10	5	7	2	4	22	18	35	30	17	16	4	7	0	0	a	a
AVG. HOURLY VELOCITY,	5.4	a	8.7	a	5.4	a	3.3	a	11.0	a	10.5	a	9.8	a	5.9	a	0	a	8.9	a

2—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of FEB 1930, 193

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	75.0	29.380	.133	29.247	30.21	25.8	23.3	18	69	.093	26.4	21.6	S	10			T	10	st	W	Cloudy		[illegible]	1
2	74.0	29.000	.128	28.872	29.82	28.0	27.0	25	88	.130	36.0	27.4	SW	9			0	10	a st	SW	Cloudy		C.L.H.	2
3	74.0	29.070	.128	28.942	29.89	35.6	34.1	32	87	.180	37.2	35.1	SW	6			0	10	st	SW	Cloudy		C.L.H.	3
4	72.0	29.050	.123	28.927	29.88	33.8	32.8	32	90	.180	36.0	32.8	NE	2			0	10	st	SW	Cloudy		C.L.H.	4
5	73.0	29.084	.125	28.959	29.91	30.4	29.2	27	87	.143	32.8	28.8	SW	6			0	10	st	SW	Cloudy		C.L.H.	5
6	73.0	29.180	.126	29.054	30.01	22.2	21.2	19	86	.098	31.9	22.2	E	4			.03	10	st	W	Light Snow		C.L.H.	6
7	72.0	29.160	.124	29.036	29.99	32.2	31.7	31	95	.172	36.4	31.4	NW	12			T	10	st	W	Light Rain		C.L.H.	7
8	73.5	29.272	.128	29.144	30.09	29.2	28.2	26	89	.136	30.0	27.8	NW	10			T	10	st cu	NW	Cloudy		C.L.H.	8
9	69.0	28.998	.115	28.883	29.83	40.0	36.0	31	68	.172	40.0	32.2	SW	15			0	10	st	SW	Cloudy		[illegible]	9
10	64.5	29.218	.104	29.114	30.06	24.8	23.3	21	81	.108	33.2	24.8	W	18			T	10	st cu	W	Light Rain		C.L.H.	10
11	72.0	29.424	.125	29.299	30.27	22.0	20.8	18	83	.093	22.0	18.8	S	6			0	3 1	2 cu st	S S	Part Cloudy		C.L.H.	11
12	70.0	28.960	.118	28.842	29.77	43.8	39.3	34	68	.195	45.1	38.8	S	16			T	10	st cu	W	Cloudy		C.L.H.	12
13	69.0	29.062	.115	28.947	29.89	31.4	29.2	26	77	.136	44.9	31.4	W	8			T	10	a st	W	Cloudy		C.L.H.	13
14	68.0	29.258	.113	29.145	30.10	20.7	17.2	6	50	.052	32.2	20.7	W	12			T	0	0	0	Clear		C.L.H.	14
15	73.0	29.530	.127	29.403	30.37	12.2	11.0	7	76	.054	26.9	12.2	NW	13			T	10	st cu	NW	Cloudy		C.L.H.	15
16	75.0	29.572	.133	29.439	30.42	9.2	8.0	3	73	.044	13.9	8.3	E	3			0	2 2	a st st	W W	Part Cloudy		C.L.H.	16
17	74.0	29.338	.129	29.209	30.17	28.2	25.2	19	66	.098	28.2	23.0	E	3			T	10	st	E	Cloudy		C.L.H.	17
18	72.5	29.370	.125	29.245	30.18	36.2	34.7	32	87	.180	44.2	36.2	SW	8			T	3	a st	SW	Clear		C.L.H.	18
19	73.0	29.267	.126	29.141	30.08	44.1	40.1	35	71	.203	47.0	42.2	SW	12			0	3	ci st	W	Clear		C.L.H.	19
20	69.0	29.307	.116	29.191	30.12	46.8	43.8	41	79	.256	58.6	46.8	SW	10			0	7	ci st	W	Part Cloudy		C.L.H.	20
21	74.0	29.434	.130	29.304	30.24	45.0	41.0	36	71	.211	57.2	45.0	S	6			0	6	ci st	S	Part Cloudy		C.L.H.	21
22	75.0	29.360	.132	29.228	30.16	53.0	49.0	45	75	.298	61.3	53.0	S	8			0	10	st cu	S	Cloudy		C.L.H.	22
23	73.0	29.094	.126	28.968	29.90	48.8	45.8	43	80	.277	58.2	48.8	NW	6			0.36	5	st	W	Part Cloudy		[illegible]	23
24	73.5	29.068	.127	28.941	29.87	47.0	46.0	45	93	.298	56.0	45.1	E	6			T	10	st	W	Light Rain		C.L.H.	24
25	72.0	29.973	.123	28.850	29.76	62.8	59.8	58	84	.482	63.9	61.7	SW	20			T	10	st cu	SW	Cloudy		C.L.H.	25
26	71.0	29.034	.120	28.914	29.84	42.0	41.0	40	92	.247	56.6	42.0	NW	20			0.11	10	st cu	NW	Cloudy		C.L.H.	26
27	69.0	29.447	.117	29.330	30.28	31.0	29.0	26	79	.136	44.1	31.0	NW	15			0.01	10	st cu	W	Cloudy		C.L.H.	27
28	71.0	29.523	.122	29.401	30.36	26.2	24.6	22	81	.113	33.2	26.0	E	4			0	3	a st	W	Clear		C.L.H.	28
29																								29
30																								30
31																								31
Sums		(a)	(a)	814.975	841.47	952.4	892.3	798	2225	4.785	(a)	(a)	(a)	268	(a)	(a)	0.51	225	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.106	30.052	34.0	31.9	28.5	79.5	.171	(a)	(a)	(c) SW	9.6	(a)	(a)	(a)	8.0	U a.st L st	U W L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of FEB 1930, 193

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.20 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	74.0	29.092	.128	28.964	29.91	36.0	30.5	21	52	.108	39.2	25.8	SW	9			0	10	st	SW	Cloudy			CLH	1
2	77.0	28.870	.135	28.735	29.68	37.2	35.2	32	83	.180	38.8	28.0	SW	11			T	10	st	SW	Cloudy			CLH	2
3	75.0	29.171	.132	29.039	29.99	36.0	35.1	34	92	.195	39.9	35.5	SE	2			0	5 2	2st st	SE SE	Part Cloudy				3
4	74.5	29.057	.129	28.928	29.88	32.8	32.1	31	93	.172	38.7	32.8	N	8			0	10	st	N	Cloudy	B 7209	7409		4
5	76.0	29.131	.134	28.997	29.95	31.9	30.9	30	90	.164	32.2	30.2	SW	5			T	10	st	SW	Cloudy				5
6	76.0	29.071	.133	28.938	29.89	36.1	34.9	33	89	.187	36.1	22.0	S	7			T	10	st	S	Cloudy				6
7	74.5	29.207	.130	29.077	30.03	30.0	28.3	26	82	.136	35.2	29.1	W	4			T	3 3	2st stcu	W W	Part Cloudy				7
8	73.5	29.295	.128	29.167	30.12	32.9	29.2	23	64	.118	37.2	29.2	S	6			0	7	cist	W	Part Cloudy				8
9	66.0	29.087	.107	28.980	29.93	33.2	30.2	25	71	.130	41.1	32.9	W	11			0	8	stcu	W	Cloudy				9
10	72.0	29.453	.125	29.328	30.29	22.0	20.1	15	73	.081	24.8	22.0	NW	5			T	2	cu	NW	Clear				10
11	74.0	29.166	.129	29.037	29.99	38.9	34.1	27	62	.143	44.9	22.0	SE	11			0	5	cist	SW	Part Cloudy				11
12	73.0	28.817	.124	28.693	29.61	44.9	44.3	44	95	.287	45.3	41.8	SW	14			.09	10	st	SW	Cloudy				12
13	75.0	29.216	.132	29.084	30.03	31.8	29.3	26	74	.136	33.6	30.8	NW	4			T	5 3	cist cu	NW NW	Cloudy				13
14	74.0	29.454	.130	29.324	30.28	26.9	25.9	24	88	.124	29.4	19.9	W	6			0	6	2cu	W	Part Cloudy				14
15	78.0	29.615	.141	29.474	30.45	13.9	12.8	9	80	.060	16.8	10.8	NW	6			0	2	cu	N	Clear				15
16	76.0	29.442	.135	29.307	30.29	23.0	22.0	20	87	.103	25.1	9.2	SE	6			.03	10	st	W	Snow			CLH	16
17	76.0	29.334	.134	29.200	30.14	44.2	40.6	36	74	.211	48.0	28.2	S	7			0	6 4	2cu stcu	W W	Cloudy				17
18	76.0	29.347	.134	29.213	30.15	47.0	43.2	39	74	.237	54.0	36.1	SW	11			0	2	cist	SW	Clear				18
19	72.0	29.208	.124	29.084	30.01	58.6	51.2	45	61	.298	66.8	44.1	SW	13			0	2	cist	W	Clear				19
20	76.0	29.323	.134	29.189	30.12	57.2	49.8	43	60	.277	67.0	46.7	SW	6			0	7	cist	SW	Part Cloudy				20
21	77.0	29.434	.138	29.296	30.24	61.3	51.8	43	52	.277	67.8	45.0	S	5			0	5 1	cist cu	SW SW	Part Cloudy				21
22	75.0	29.178	.132	29.046	29.98	58.2	54.2	51	77	.373	65.8	53.0	S	12			T	10	st	SW	Light Rain				22
23	73.0	29.132	.126	29.006	29.94	56.0	48.0	40	55	.247	61.8	48.2	SW	2			0	4	cist	W	Part Cloudy				23
24	75.0	28.981	.131	28.850	29.76	62.8	62.0	61	96	.536	63.7	47.0	SW	8			0.24	10	st	SW	Cloudy	B 7209	8409		24
25	72.0	29.037	.123	28.914	29.83	56.6	56.1	56	97	.448	68.7	56.6	SW	10			0.23	10	st	SW	Light Rain				25
26	76.0	29.346	.134	29.212	30.14	44.1	40.8	37	76	.219	46.8	37.3	W	8			T	10	stcu	W	Cloudy				26
27	75.0	29.567	.133	29.434	30.39	33.2	29.9	25	68	.130	34.9	30.8	N	5			0	10	stcu	N	Cloudy				27
28	74.0	29.285	.129	29.156	30.10	40.1	36.2	31	69	.172	42.9	26.2	SE	5			0	2	2st	S	Clear				28
29																									29
30																									30
31																									31
Sums		(a)	(a)	814672	84112	11268	10387	927	2134	5749	(a)	(a)	(a)	207	(a)	(a)	0.59	204	(a)	(a)	(a)	2	0	(a)	(a)
Means		(a)	(a)	29.095	30.040	40.2	37.1	33.1	76.2	.205	(a)	(a)	(c) SW	7.4	(a)	(a)	(a)	7.3	U: ST L: St	U: W L: SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

S—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of FEB 1930, 193

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Snow unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p. m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Saturday 1	39	22	17	8	30				S^D	DNa	DNa										T	.09	-.09	-0.09	0	T	3.4	T	1
2	39	27	12	3	33				R	9:25a	9:40a	R	12:10p	3:40p							T	.08	-.08	-0.17	0	0	1.0	0	2
3	40	33	7 ~~8~~	3	36																0	.08	-.08	-.25	0	0	0.4	0	3
4	39	30	9	2	34																0	.08	-.08	-.33	0	0	T	0	4
5	32	29	3	4	30				R	3:30p	4:00p										T	.08	-.08	-.41	0	0	T	0	5
6	36	22	14	1	29				S^M	DNa	10:00a										.03	.08	-.05	-.46	0	0.3	T	.03	6
7	35	28	7	3	32				R	5:40a	7:40a										T	.08	-.08	-.54	0	0	T	0	7
8	37	29	8	1	33				S^D	DNa	DNa										T	.08	-.08	-.62	0	T	T	T	8
9	42	32	~~8~~ 9	3	36				R	12:05p	1:30p	S^M	1:30p	2:30p							T	.08	-.08	-.70	0	T	T	T	9
10	32	19	13	10	26				S^M	DNa	DNa	S^M	6:45a	10:05a	S^M	11:30a	2:00p				T	.08	-.08	-.78	0	T	T	T	10
11	45	19	26	6	32				R	DNp	DNp										0	.08	-.08	-.86	0	0	T	0	11
12	45	34	11	8	40				R	5:50a	6:20a	R	8:40a	8:50a	R	10:45a	1:10p	R	4:25p	5:45p	.09	.08	+.01	-.85	0	0	0	0	12
13	34	30	4	8	32				S^D	8:25a	8:40a	S^D	11:15p	cont							T	.08	-.08	-.93	0	T	0	T	13
14	30	20	10	7	25				S^D	cont	DNa										T	.08	-.08	-1.01	0	T	T	T	14
15	26	9	17	7	18				S^D	DNa	DNa										T	.07	-.07	-1.08	0	T	0	T	15
16	25	8	17	2	16				S^M	2:05p	7:35p										.03	.07	-.04	-1.12	0	0.3	.03	.03	16
17	48	23	25	20	36				R	8:40p	DNp										T	.08	-.08	-1.20	0	T	T	0	17
18	54	36	18	9	45																0	.08	-.08	-1.28	0	0	0	0	18
19	67	42	25	9	54																0	.09	-.09	-1.37	0	0	0	0	19
20	67	47	20	3	57																0	.10	-.10	-1.47	0	0	0	0	20
21	68	45	23	1	56																0	.10	-.10	-1.57	0	0	0	0	21
22	66	53	13	4	60				R	5:45p	cont										.20	.10	+.10	-1.47	0	0	0	0	22
23	62	48	14	5	55				R	cont.	DNa										.16	.10	+.06	-1.41	0	0	0	0	23
24	64	45	19	1	54				R	6:05a	12:45p	R	DNp	DNp							.24	.10	+.14	-1.27	0	0	0	0	24
25	69	55	14	8	62				R	1:00p	7:20p										.23	.09	+.14	-1.13	0	0	0	0	25
26	55	37	18	16	46				R	DNa	5:50a	R	6:10p	6:39p	R	10:30p	DNp				.12	.08	+.04	-1.09	0	0	0	0	26
27	43	30	13	10	36																0	.08	-.08	-1.17	0	0	0	0	27
28	43	26	17	2	34				R	11:10p	cont'd										.01	.08	-.07	-1.24	0	0	0	0	28
29																													29
30																													30
31																													31
S	1280	878	403	165	1077		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.11	2.35	Total excess or deficiency since Jan. 1,	0	.06	(a)	(a)	(a)
M	45.8	31.3	14.4	5.9	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+2.05	(a)	(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF FEB 1930, 193

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.106	29.095	29.100	29.474	15	28.650	12	0.820	30.052	30.040	30.046	30.45	15	29.57	12	0.88
Corrected mean		29.095						Corrected mean		30.041					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
34.0	40.2	37.1	31.9	37.1	34.5	45.9	31.4	38.6	69	25	8	16	61	26	11	3	5

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
28.5	33.1	30.8	79.5	76.2	77.8	.171	.205	.188	4	0	17	0

CLOUDS.

Most frequent clouds: Stratus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6080	9.0	SW	29	W	10	2	1	5	4	10	18	7	9	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
8.0	7.3	7.5	41	1	11	16	0	3	6

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
–	–	–	24	0	1, 18	8	4, 24	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.11	0.36	22-23	None	–		None	–	–	11	9	6	0	0	20	9	2	0.6	0

(w) Maximum precipitation in 5 minutes____, date____; 10 minutes____, date____; 15 minutes____, date____

30 minutes____, date____; 1 hour____, date____; 2 hours____, date____

Tipping bucket gage not in use.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
								None												

* The duration is the time precipitation was actually recorded.

8—154

Prepared by E. L. H.

Earle L. Hardy, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of FEB 1930, 193

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
								Extremes of pressure																	
12	5 00 P	4 00 P				28.650	29.57	45.0															Lowest		12

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of FEB 1930, 193

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									90	10	133	14							223	24
2									50	4	204	20							254	24
3					16	5	2	1	17	4	83	12	11	2					129	24
4	99	12	21	4	11	7									5	1			136	24
5									5	1	46	9	64	10	18	4			133	24
6			7	1	30	7	10	2	81	10	10	2	12	2					150	24
7											33	4	61	8	110	12			204	24
8									53	6	50	5	83	9	35	4			221	24
9									85	7	116	8	132	9					333	24
10							2	1					275	18	16	5			293	24
11							62	10	167	14									229	24
12									229	15	57	4	58	5					344	24
13	9	1							14	2	8	1	85	10	87	10			203	24
14											20	2	234	22					254	24
15													5	1	214	23			219	24
16	10	3			44	10	29	4	71	7									154	24
17					27	7	4	1	89	12	29	4							149	24
18											207	24							207	24
19									11	1	303	23							314	24
20									8	1	260	23							268	24
21							13	2	158	20	25	2							196	24
22									258	24									258	24
23									19	3	40	9	67	10	10	2			136	24
24					16	5	11	2	99	15	31	2							157	24
25							12	2	22	2	265	20							299	24
26					14	3					16	3	242	18					272	24
27	7	2	4	1	13	3							76	7	116	11			216	24
28					57	12	72	12											129	24
29																				
30																				
31																				
SUM,	125	18	32	6	228	59	217	37	1526	158	1936	191	1405	131	611	72	0	0	6080	672
PERCENTAGE,	2	3	0	1	4	9	4	5	25	24	32	28	23	19	10	11	0	0	a	a
AVG. HOURLY VELOCITY,	6.9	a	5.3	a	3.9	a	5.9	a	9.7	a	10.1	a	10.7	a	8.5	a	0	a	9.0	a

2—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAR 1930, 193

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.0	29.060	.118	28.942	29.88	42.6	41.2	40	89	.247	42.6	36.8	SW	10			.03	4	st	W	Part Cloudy		C.L.H.	1
2	66.0	29.074	.107	28.967	29.93	21.0	20.5	19	93	.098	30.1	21.0	W	12			.05	10	st	W	Light Snow		C.L.H.	2
3	69.0	29.074	.115	28.959	29.93	14.0	13.2	11	85	.066	15.4	11.0	SW	8			T	Few	2 st	W	Clear		C.L.H.	3
4	76.0	29.010	.133	28.877	29.84	27.2	26.2	24	88	.124	27.2	20.2	SW	2			T	10	st	W	Cloudy		C.L.H.	4
5	70.0	28.840	.117	28.723	29.66	30.2	28.2	25	78	.130	37.0	30.2	W	7			0	0	0	0	Clear		C.L.H.	5
6	73.0	29.090	.125	28.965	29.92	26.3	25.3	23	88	.118	37.3	26.3	NE	3			0	0	0	0	Clear		C.L.H.	6
7	74.0	28.719	.127	28.592	29.51	33.1	31.4	29	83	.157	42.0	33.1	NE	15			0	10	st	NE	Cloudy		C.L.H.	7
8	71.0	28.917	.120	28.797	29.74	31.0	29.2	26	81	.136	40.9	31.0	NW	18			0	10	st	NW	Cloudy		C.L.H.	8
9	72.0	29.152	.124	29.028	29.98	26.1	25.1	23	88	.118	33.9	24.3	W	6			0	1	st	W	Clear		C.L.H.	9
10	72.0	28.989	.123	28.866	29.81	37.0	35.0	32	83	.180	47.6	36.8	S	10			0	10	2 st	S	Cloudy		C.L.H.	10
11	70.0	28.663	.117	28.546	29.47	35.0	32.2	28	75	.150	54.9	34.6	SW	11			T	10	st cu	W	Light Snow		C.L.H.	11
12	69.0	28.922	.115	28.807	29.75	31.9	28.4	23	65	.118	35.9	31.4	W	12			.01	0	0	0	Clear		C.L.H.	12
13	69.5	29.080	.116	28.964	29.90	41.8	39.3	36	81	.211	47.1	41.8	W	10			0	10	2 st	W	Cloudy		C.L.H.	13
14	72.0	29.682	.126	29.556	30.53	23.1	20.5	14	65	.077	39.6	23.1	NE	9			0	Few	ci st	NW	Clear		C.L.H.	14
15	74.0	29.584	.130	29.454	30.41	25.2	22.7	17	69	.089	33.0	25.2	E	6			0	4	2 st	N	Part Cloudy		C.L.H.	15
16	71.0	29.320	.121	29.199	30.13	42.2	37.7	32	66	.180	51.8	37.2	W	8			0	0	0	0	Clear		C.L.H.	16
17	69.5	29.033	.116	28.917	29.84	53.5	51.0	48	85	.334	62.3	52.2	SW	11			0	4 3	ci st cu	SW W	Part Cloudy		C.L.H.	17
18	74.0	28.850	.127	28.723	29.65	34.2	33.7	33	95	.187	45.0	34.2	NE	12			0.95	10	st	NE	Cloudy		C.L.H.	18
19	77.0	28.952	.136	28.816	29.76	28.4	26.9	24	82	.124	31.4	28.1	W	4			0	Few	cu	W	Clear		C.L.H.	19
20	74.0	28.994	.128	28.866	29.82	34.8	31.8	28	73	.150	38.2	32.6	SW	10			0	0	0	0	Clear		C.L.H.	20
21	73.0	29.370	.126	29.244	30.18	24.4	21.4	14	62	.077	41.9	24.4	N	8			0	8	st cu	NW	Cloudy		C.L.H.	21
22	73.0	29.480	.127	29.353	30.32	21.2	18.7	12	64	.070	30.2	20.8	NE	7			0	0	0	0	Clear		C.L.H.	22
23	73.0	29.316	.126	29.190	30.14	27.6	24.6	19	66	.098	33.6	26.7	SE	4			0	8	2 cu	W	Cloudy		C.L.H.	23
24	73.5	28.827	.126	28.701	29.62	37.1	36.1	35	91	.203	48.9	36.8	NE	3			.04	5 10	st. Fog st	W W	Cloudy		C.L.H.	24
25	71.5	28.512	.119	28.393	29.32	29.8	29.6	29	98	.157	37.0	29.8	NE	16			0.13	10	st	W	Cloudy		C.L.H.	25
26	70.0	28.430	.116	28.314	29.24	25.0	25.0	25	100	.130	27.2	22.0	SW	10			0.08	10	st	W	Light Snow		C.L.H.	26
27	65.0	28.982	.104	28.878	29.84	26.9	26.4	26	94	.136	27.4	25.4	SW	10			0.02	4 6	2 cu st	W W	Cloudy		C.L.H.	27
28	69.5	29.174	.117	29.057	30.01	27.2	26.2	24	88	.124	32.9	26.4	SW	5			0	0	0	0	Clear		C.L.H.	28
29	73.0	28.980	.125	28.855	29.81	30.5	29.0	26	84	.136	36.9	28.8	SW	6			0	Few	2 st.	W	Clear		C.L.H.	29
30	71.5	29.112	.121	28.991	29.94	29.0	27.5	25	83	.130	32.3	28.1	W	6			T	9	st cu	NW	Cloudy		C.L.H.	30
31	75.0	29.350	.132	29.218	30.16	31.5	30.0	27	81	.143	35.5	31.0	SW	9			0	0	0	0	Clear		C.L.H.	31
Sums		(a)	(a)	896.758	926.04	949.1	894.0	797	2523	4.398	(a)	(a)	(a)	268	(a)	(a)	1.31	161	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	28.928	29.872	30.6	28.8	25.7	81.4	.142	(a)	(a)	(c) SW	8.6	(a)	(a)	(a)	5.2	U 2 st L St	U W L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAR 1930, 193

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	71.0	29.088	.120	28.968	29.92	30.1	27.0	22	67	.113	44.2	30.1	W	17			0	10	st	W	Cloudy			E.H.	1
2	68.0	29.241	.113	29.128	30.09	15.4	14.2	10	79	.063	22.2	15.4	W	14			T	2	cu	W	Clear			E.L.H.	2
3	74.0	29.008	.128	28.880	29.85	20.9	19.4	16	78	.085	22.2	14.0	W	10			T	7	stcu	W	Part Cloudy			E.H.	3
4	73.5	28.896	.127	28.769	29.71	36.3	32.5	27	67	.143	40.2	27.2	SW	9			0	0	0	0	Clear			E.H.	4
5	74.0	29.032	.128	28.904	29.85	37.3	31.9	24	55	.124	43.2	30.1	NW	5			0	0	0	0	Clear			E.H.	5
6	77.0	28.926	.136	28.790	29.73	42.0	37.8	33	68	.187	49.9	26.3	NE	9			0	4	ci	SW	Part Cloudy			E.H.	6
7	75.0	28.735	.129	28.606	29.54	40.9	37.9	34	77	.195	42.8	33.1	N	13			T	10	st	N	Cloudy			E.H.	7
8	73.0	29.066	.125	28.941	29.89	33.9	31.6	28	78	.150	44.8	31.0	NW	9			0	1	cu	NW	Clear			E.H.	8
9	73.0	29.078	.125	28.953	29.90	47.6	39.0	27	44	.143	52.9	26.1	SW	7			0	7	cist	SW	Part Cloudy			E.H.	9
10	73.0	28.707	.124	28.583	29.50	54.9	47.7	40	59	.247	58.7	37.0	SW	7			T	10	st	SW	Cloudy			E.H.	10
11	76.0	28.743	.132	28.611	29.54	35.9	33.0	29	74	.157	42.2	32.9	W	15			.01	7	cist cu	NW	Cloudy			E.H.	11
12	74.0	29.011	.128	28.883	29.82	47.1	40.0	31	54	.172	48.8	31.9	S	10			0	3	cist	SW	Clear			E.H.	12
13	73.0	29.434	.127	29.307	30.26	39.6	33.1	23	49	.118	50.2	39.6	N	9			0	4	2cu	NW	Part Cloudy			E.H.	13
14	77.0	29.626	.139	29.487	30.45	33.0	28.1	19	53	.098	38.9	23.1	NE	6			0	1	cist	NW	Clear			E.H.	14
15	75.0	29.390	.133	29.257	30.21	51.8	40.8	26	36	.136	55.0	25.2	SE	4			0	0	0	0	Clear			E.L.H.	15
16	72.0	29.164	.124	29.040	29.97	62.3	52.8	45	53	.298	71.0	42.2	SW	9			0	0	0	0	Clear			E.L.H.	16
17	73.5	29.011	.127	28.884	29.81	45.0	42.1	39	80	.237	63.0	45.0	NW	6			T	10	st	W	Cloudy			E.H.	17
18	77.0	28.857	.135	28.722	29.66	31.1	29.9	28	87	.150	34.2	29.7	NW	5			.02	9	stcu	NW	Cloudy			E.H.	18
19	75.0	29.021	.131	28.890	29.84	38.2	32.7	24	55	.124	42.0	28.4	SW	5			0	1	stcu	W	Clear			E.H.	19
20	73.0	29.059	.125	28.934	29.87	41.9	36.2	28	57	.150	57.9	34.8	NW	17			0	2 8	2cu stcu	W W	Cloudy			E.H.	20
21	76.5	29.398	.137	29.261	30.22	30.2	24.9	13	44	.074	34.6	24.3	N	9			0	4	cist	W	Part Cloudy			E.H.	21
22	77.0	29.379	.138	29.241	30.20	33.6	27.1	14	40	.077	35.9	20.9	NE	2			0	0	0	0	Clear			E.H.	22
23	74.5	28.921	.129	28.792	29.72	48.2	39.9	29	46	.157	49.1	27.6	SE	8			0	10	cist	W	Cloudy			E.H.	23
24	75.5	28.812	.131	28.681	29.62	37.0	36.7	36	97	.211	40.9	37.0	NE	12			0.12	10	st	NE	Light Rain	B 6:35 E 7:10 B 8:40 E 8:50 B 9:40 E 9:40 B 7:40 E 8:20	B 7:40 E 9:40	E.H.	24
25	75.5	28.443	.130	28.313	29.24	27.2	26.9	27	96	.143	30.3	27.2	N	6			0.08	10	st	N	Light Snow			E.H.	25
26	70.0	28.775	.117	28.658	29.61	27.3	26.8	26	94	.136	28.1	25.0	W	14			0.07	10	st	W	Light Snow			E.H.	26
27	71.0	29.195	.121	29.074	30.02	32.9	32.0	31	91	.172	34.1	26.9	SW	8			0	7	stcu	W	Part Cloudy			E.H.	27
28	76.0	29.121	.133	28.988	29.94	36.9	31.8	24	57	.124	41.1	27.2	W	6			0	2	cu	W	Clear			E.H.	28
29	75.0	29.032	.131	28.901	29.85	32.3	28.8	23	65	.118	37.1	30.5	NW	7			T	4	stcu	NW	Part Cloudy			E.H.	29
30	72.0	29.254	.124	29.130	30.08	35.8	32.8	29	73	.157	39.8	29.0	W	4			T	2	cu	N	Clear			E.H.	30
31	74.0	29.223	.129	29.094	30.03	50.3	41.4	30	45	.164	54.8	31.8	S	10			0	4	2st	SW	Part Cloudy			E.H.	31
Sums		(a)	(a)	896.670	925.94	1176.9	1036.8	835	2018	4.623	(a)	(a)	(a)	272	(a)	(a)	0.30	160	(a)	(a)	(a)	2	0	(a)	(a)
Means		(a)	(a)	28.925	29.869	38.0	33.4	26.9	65.1	.149	(a)	(a)	(c)	8.8	(a)	(a)	(a)	5.2	U cist L st	U SW L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAR 1930, 193

Date.	Temperature: Maximum. (b)	Minimum (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation: Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡	Snow unmelted. 7 p. m. to 7 p. m. *‡‡	Hail, sleet, and snow on ground at 7 p. m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Saturday 1	44	25	19	0	34				R	cont	DN a	S M	11:05p	cont							.03	.09	-.06	-.06	0	0	0	.01	1
2	25	11	14	16	18				S M	cont	4:50p	S D	8:10p	8:30p							.04	.08	-.04	-.10	0	0.6	0.6	.0.4	2
3	23	11	12	1	17				S M	10:05a	5:10p	S D	7:10p	7:50p							T	.08	-.08	-.18	0	T	0.2	T	3
4	40	23	17	15	32																0	.09	-.09	-.27	0	T	T	0	4
5	43	30	13	4	36																0	.09	-.09	-.36	0	0	0	0	5
6	50	26	24	2	38																0	.10	-.10	-.46	0	0	0	0	6
7	43	33	10	0	38				S M	1:10p	1:15p										T	.09	-.09	-.55	0	T	0	T	7
8	45	27	18	2	36																0	.10	-.10	-.65	0	0	0	0	8
9	53	24	29	2	38																0	.10	-.10	-.75	0	0	0	0	9
10	59	37	22	10	48				R	12:31p	12:35p	R	1:10p	1:20p							T	.10	-.10	-.85	0	0	0	0	10
11	42	33	9	10	38				S D	6:30a	7:10a	S D	10:45a	4:30p	S M	7:45p	DNp				.02	.11	-.09	-.94	0	0.1	0	.0.2	11
12	49	31	18	2	40																0	.12	-.12	-.106	0	0.1	0	0	12
13	50	31	19	0	40																0	.13	-.13	-.119	0	0	0	0	13
14	39	23	16	9	31																0	.12	-.12	-.131	0	0	0	0	14
15	55	25	30	9	40																0	.12	-.12	-.143	0	0	0	0	15
16	71	39	32	15	55																0	.11	-.11	-.154	0	0	0	0	16
17	63	40	23	3	52				R	12:32p	12:3[illegible]p	R	7:25p	cont							.04	.11	-.07	-.161	0	0	0	0	17
18	40	29	11	18	34				R	cont	6:20a	R	9:10a	12:15p	Sl	12:15p	12:25p	S M	12:25p	4:00p	.93	.10	+.83	-.78	T	0.1	T	.0.1	18
19	42	28	14	1	35																0	.10	-.10	-.88	0	0	0	0	19
20	58	32	26	10	45																0	.10	-.10	-.98	0	0	0	0	20
21	35	24	11	15	30																0	.10	-.10	-.108	0	0	0	0	21
22	36	21	15	2	28																0	.11	-.11	-.119	0	0	0	0	22
23	49	27	22	10	38				R	11:15p	cont										T	.11	-.11	-.130	0	0	0	0	23
24	45	33	12	1	39				R	cont	6:45a	R	7:05a	9:45a	R	2:05p	cont.				.18	.11	+.07	-.123	0	0	0	0	24
25	33	22	11	11	28				S M R	7:30a cont	8:50a DNa	R R	8:50a DNa	8:20p DNa	S M R	6:20p 5:20a	cont. 6:35a	R	7:05a	7:30a	.22	.12	+.10	-1.13	0	0.1	0.1	.04	25
26	28	22	6	3	25				S M	cont.	cont.										.13	.11	+.02	-1.11	0	2.5	2.4	.13	26
27	34	25	9	5	30				S M	cont.	DNa										.01	.10	-.09	-1.20	0	0.3	1.7	.01	27
28	41	26	15	4	34																0	.10	-.10	-1.30	0	0	0	0	28
29	37	28	9	2	32				S D	12:25p	2:15p	S D	DNp	cont							T	.10	-.10	-1.40	0	T	0	T	29
30	40	28	12	2	34				S D	cont	DNa	S D	1:23p	1:35p	S D	3:10p	3:39p				T	.11	-.11	-1.51	0	T	0	T	30
31	55	30	25	8	42																0	.11	-.11	-1.62	0	0	0	0	31
S	1367	844	523	192	1105		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.60	3.22	Total excess or deficiency since Jan. 1,		T	3.8	(a)	(a)	(a)
M	44.1	27.2	16.9	6.2	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	+0.43		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S d—dry snow, S m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

MAR 1930

SUMMARY FOR THE MONTH OF ....., 193

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
28.928	28.925	28.926	29.556	14	x 28.290	25	29.556	29.872	29.869	29.870	30.53	14	x 29.22	25	1.31
Corrected mean....		28.921						Corrected mean....		29.865	x From barograph trace				

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
30.6	38.0	34.3	28.8	33.4	31.1	44.1	27.2	35.6	71	16	11	3	60	32	16	6	26

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
25.7	26.9	26.3	81.4	65.1	73.2	.142	.149	.146	3	0	25	0

Clouds.

Most frequent clouds: Stratus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7,456	10.0	W	26	NW	2	5	11	1	3	3	17	15	7	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.2	5.2	5.7	59	13	4	14	0	0	9

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	23	9, 11	24, 25	24	15	15	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.60	0.97	17+18	None	—	—	None	—	—	6	9	6	1	0	15	11	7	3.8	0

(w) Maximum precipitation in 5 minutes —, date —; 10 minutes —, date —; 15 minutes —, date —

30 minutes —, date —; 1 hour —, date —; 2 hours —, date —

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
←									None											→

x Tipping bucket gauge not in use after part of 25 + 26

* The duration is the time precipitation was actually recorded.

8—154

Prepared by E. L. H.

E. L. Hardy, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAR 1930, 193

Number of Station barometer, 656; sum of corrections, -.009 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
25	10:45 p	9 45 p				28.290	29.22	25.0		Extremes of pressure													Lowest		25

8—154

If additional space is required, rule a sheet similar to this, and paste to this margin.

†By dial when self-register is out of order.

††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAR 1930, 193

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 1 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1							5	1	21	3	56	6	193	14					275	24
2											7	1	227	17	112	6			346	24
3											80	10	158	14					238	24
4									24	2	160	16	24	6					208	24
5	16	4	4	1					13	1	43	3	118	13	10	2			204	24
6			143	19	23	5													166	24
7	201	13	164	11															365	24
8													13	2	312	22			325	24
9											112	13	77	11					189	24
10									162	15	40	5	51	4					253	24
11											83	8	219	16					302	24
12									57	5	57	4	250	15					364	24
13	65	6	27	2							71	6	14	2	88	8			265	24
14			233	23	11	1													244	24
15					88	17	35	7											123	24
16					2	1	4	1	7	2	168	15	46	5					227	24
17	7	1	14	2					17	2	112	9	55	5	40	5			245	24
18	51	6	120	10									19	3	34	5			224	24
19											66	10	147	14					213	24
20									9	1	160	13	29	2	111	8			309	24
21	166	20	28	4															194	24
22			95	16	25	6	10	2											130	24
23							190	23	9	1									199	24
24			193	19	15	4									6	1			214	24
25	30	4	211	16											37	4			278	24
26											35	3	251	21					286	24
27											72	8	211	16					283	24
28									23	3	95	12	93	9					211	24
29									8	1	46	6	135	17					189	24
30									6	1	23	5	91	16	8	2			128	24
31									131	14	128	10							259	24
SUM,	536	54	1232	123	164	34	244	34	487	51	1614	163	2421	222	758	63	0	0	7466	744
PERCENTAGE,	7	7	17	16	2	5	3	5	7	7	22	22	32	30	10	8	0	0	a	a
AVG. HOURLY VELOCITY,	9.9	a	10.0	a	4.8	a	7.2	a	9.5	a	9.9	a	10.9	a	12.0	a	0	a	10.0	a

2—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of APR 1930, 193

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. + Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.0	28.974	.118	28.856	29.79	46.0	44.5	43	89	.277	51.2	46.0	S	10			.02	10	st	W	Cloudy		C.L.H.	1
2	74.0	29.264	.129	29.135	30.09	31.2	30.2	29	89	.157	37.2	29.1	NE	1			0	0	0	0	Clear		C.L.H.	2
3	75.5	29.000	.132	28.868	29.80	39.0	36.5	33	80	.187	46.2	36.4	SW	4			0	0	0	0	Clear		C.L.H.	3
4	74.5	29.375	.131	29.244	30.18	37.0	34.0	30	74	.164	47.9	35.1	N	4			0	0	0	0	Clear		C.L.H.	4
5	75.0	29.330	.129	29.201	30.13	46.2	40.0	32	58	.180	56.6	42.1	S	4			0	8	ci st	W	Cloudy		C.L.H.	5
6	70.0	28.944	.118	28.826	29.74	46.8	43.0	39	74	.237	62.2	46.8	W	4			0	0	0	0	Clear		C.L.H.	6
7	67.0	28.738	.109	28.629	29.55	37.2	35.2	32	83	.180	49.0	35.6	NW	20			0.16	8	cu	NW	Cloudy		C.L.H.	7
8	68.0	29.250	.113	29.137	30.09	33.0	29.0	22	61	.113	40.9	31.8	NW	12			0	0	0	0	Clear		C.L.H.	8
9	71.5	29.570	.123	29.447	30.40	33.8	29.3	22	58	.113	42.1	31.6	SW	2			0	0	0	0	Clear		C.L.H.	9
10	72.0	29.421	.125	29.296	30.24	50.2	41.7	31	47	.172	60.2	46.8	S	12			0	3	2 st	W	Clear		C.L.H.	10
11	74.0	29.317	.129	29.188	30.11	67.8	54.8	44	43	.287	75.8	64.8	SW	10			0	2 7	ci st 2 st	NW NW	Cloudy		C.L.H.	11
12	79.0	29.336	.142	29.194	30.11	54.0	49.0	44	70	.287	80.8	53.2	E	4			0	9	2 st	W	Cloudy		C.L.H.	12
13	80.0	29.240	.145	29.095	30.02	57.8	53.0	49	73	.347	71.6	55.0	SW	3			T	4 5	ci st 2 st	W W	Cloudy		C.L.H.	13
14	78.5	29.212	.141	29.071	29.99	55.0	52.0	50	82	.360	69.4	55.0	N	2			0.12	2 4	2 cu st cu	W NW	Part Cloudy		C.L.H.	14
15	74.0	29.252	.129	29.123	30.05	41.0	37.0	32	69	.180	56.2	38.8	NE	11			0	10	st cu	NE	Cloudy		C.L.H.	15
16	70.0	29.210	.118	29.092	30.03	40.2	39.7	39	96	.237	41.0	37.7	NE	9			0.22	10	st	NE	Cloudy		C.L.H.	16
17	70.0	29.160	.118	29.042	29.98	51.2	51.2	51	100	.373	51.2	42.2	E	4			0.44	8	cu	SW	Cloudy		C.L.H.	17
18	70.5	29.068	.119	28.949	29.87	53.0	48.0	43	70	.277	62.9	53.0	SW	20			0.10	3 2	2 st cu	SW W	Part Cloudy		C.L.H.	18
19	72.0	29.364	.124	29.240	30.17	40.2	38.7	37	88	.219	45.8	37.1	W	4			T	8	st cu	W	Cloudy		C.L.H.	19
20	70.0	29.428	.119	29.309	30.25	42.4	37.4	30	62	.164	52.9	39.8	N	1			T	10	st	N	Cloudy		C.L.H.	20
21	67.0	29.006	.110	28.896	29.83	52.0	51.5	51	97	.373	52.0	46.9	S	6			0.18	10	st	SW	Cloudy		C.L.H.	21
22	69.0	29.276	.116	29.160	30.09	35.0	31.0	25	64	.130	51.9	34.5	NW	10			T	2	2 cu	SW	Clear		C.L.H.	22
23	69.0	29.220	.116	29.104	30.05	35.4	32.0	27	69	.143	37.2	31.4	SW	9			0	1 Few	2 cu cu	NW SW	Clear		C.L.H.	23
24	70.0	29.300	.119	29.181	30.12	28.0	25.0	19	66	.098	41.3	27.1	NW	6			0	10	st cu	NW	Cloudy		C.L.H.	24
25	70.0	29.300	.119	29.181	30.12	36.2	33.2	29	73	.157	40.4	30.4	NW	5			0	0	0	0	Clear		C.L.H.	25
26	72.0	29.422	.125	29.297	30.24	39.0	35.5	31	72	.172	46.4	34.8	N	2			0	0	0	0	Clear		C.L.H.	26
27	73.0	29.410	.127	29.283	30.22	47.0	41.5	35	63	.203	55.4	44.0	SE	4			0	10	2 st	W	Cloudy		C.L.H.	27
28	69.0	29.390	.116	29.274	30.21	47.2	45.0	43	85	.277	54.0	47.0	E	9			0.14	10	st cu	SW	Light Rain		C.L.H.	28
29	70.0	29.351	.119	29.232	30.16	48.0	46.5	45	90	.298	54.9	46.4	NE	3			0	10	cu	SW	Cloudy		C.L.H.	29
30	72.0	29.358	.124	29.234	30.15	62.8	59.3	57	82	.465	70.0	59.8	SW	10			.01	2 8	ci st st cu	W SW	Light Rain		C.L.H.	30
31																								31
Sums		(a)	(a)	873.784	901.78	1333.6	1224.7	1094	2227	6.827	(a)	(a)	(a)	205	(a)	(a)	1.39	176	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.126	30.059	44.5	40.8	36.5	74.2	.228	(a)	(a)	(c) SW	6.8	(a)	(a)	(a)	5.9	U a.st L st cu	UW LSW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of APR 1930, 193

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	74.0	29.119	.128	28.991	29.93	37.2	33.7	28	70	.150	50.1	37.2	NW	6			.01	4	stcu	NW	Part Cloudy				1
2	76.0	29.103	.133	28.970	29.91	46.2	38.2	27	46	.143	49.1	31.2	SE	5			0	3	stcu	NW	Clear				2
3	74.0	29.115	.128	28.987	29.93	47.9	41.7	34	59	.195	58.8	39.0	NW	14			0	0	0	0	Clear				3
4	75.0	29.379	.133	29.246	30.18	56.6	45.4	32	40	.180	61.8	37.0	S	3			0	Few	cst	W	Clear				4
5	73.5	29.068	.127	28.941	29.86	62.2	49.2	35	37	.203	66.8	46.2	SW	6			0	4	cst	W	Part Cloudy			C.L.H.	5
6	71.0	28.890	.120	28.770	29.69	49.0	44.2	39	69	.237	54.8	45.8	NW	3			0	2	st	W	Clear			C.L.H.	6
7	71.0	29.024	.120	28.904	29.84	40.9	32.0	16	33	.085	43.2	35.8	NW	15			T	0	0	0	Clear				7
8	73.0	29.416	.127	29.289	30.24	42.1	32.4	14	30	.077	49.8	33.0	NW	8			0	0	0	0	Clear				8
9	74.5	29.456	.131	29.325	30.26	60.2	45.0	26	26	.136	64.9	33.8	S	6			0	1	cist	SW	Clear				9
10	76.5	29.254	.136	29.118	30.04	75.8	58.3	45	34	.298	84.0	50.2	SW	12			0	10	cst	SW	Cloudy				10
11	80.0	29.235	.145	29.090	30.00	80.8	58.6	41	24	.256	90.0	67.8	SW	10			0	4	cst	W	Part Cloudy				11
12	81.5	29.261	.149	29.112	30.03	71.6	59.8	52	50	.387	86.1	54.0	SE	5			0	6 3	cst stcu	W W	Cloudy				12
13	80.0	29.177	.145	29.032	29.95	69.4	59.0	52	54	.387	77.5	57.8	NW	4			0	6 4	cst stcu	W W	Cloudy			C.L.H.	13
14	77.0	29.216	.137	29.079	30.01	56.2	49.0	42	60	.266	68.0	55.0	E	6			0	2	cu	E	Clear				14
15	74.5	29.186	.130	29.056	30.00	37.7	37.2	37	96	.219	49.7	37.7	NW	12			0.41	10	stcu	E	Light Rain				15
16	74.0	29.177	.129	29.048	29.99	42.2	42.0	42	98	.266	42.8	40.0	NE	8			0.05	10	st	E	Cloudy				16
17	73.0	29.032	.125	28.907	29.83	62.2	62.0	62	99	.555	68.9	51.2	E	3			0.29	10	stcu	SW	Sprinkling		B 4:30 A E 6:35 A		17
18	74.0	29.188	.129	29.059	29.99	45.8	43.2	41	81	.256	56.8	45.8	W	16			0	10	stcu	W	Cloudy				18
19	72.5	29.337	.125	29.212	30.14	52.9	45.4	38	56	.228	58.6	40.2	NW	7			0	3	st	NW	Clear				19
20	69.0	29.212	.116	29.096	30.04	46.9	45.4	44	89	.287	49.0	42.4	NE	5			.05	10	st	SW	Light Rain				20
21	71.0	29.088	.120	28.968	29.90	51.9	49.2	46	83	.310	55.0	51.9	SW	12			T	10	stcu	W	Sprinkling				21
22	72.0	29.291	.124	29.167	30.11	37.2	31.0	20	48	.103	43.2	35.0	NW	9			0	1	cu	NW	Clear				22
23	73.0	29.177	.126	29.051	29.99	41.3	34.2	23	47	.118	44.8	35.4	NW	10			0	4	stcu	NW	Part Cloudy				23
24	74.0	29.276	.129	29.147	30.10	40.4	36.1	30	66	.164	43.9	28.0	NW	9			0	1	stcu	NW	Clear				24
25	73.5	29.291	.128	29.163	30.10	46.4	39.9	31	56	.172	48.8	36.2	SW	4			T	10	stcu	W	Cloudy				25
26	75.0	29.391	.133	29.258	30.20	55.4	44.6	32	41	.180	59.9	39.0	E	2			0	1	st	SE	Clear				26
27	71.5	29.348	.122	29.226	30.16	54.0	47.0	40	59	.247	58.6	47.0	E	4			T	10	stcu	W	Light Rain			C.L.H.	27
28	71.0	29.352	.121	29.231	30.16	54.9	51.9	50	82	.360	58.9	47.2	NE	6			T	1 5	cu stcu	W W	Part Cloudy				28
29	72.0	29.279	.124	29.155	30.08	69.4	62.4	58	68	.482	78.9	48.0	SW	6			.01	4 6	cst stcu	W SW	Cloudy				29
30	74.0	29.232	.129	29.103	30.02	68.1	58.3	52	56	.387	77.9	62.0	S	14			.06	9	stcu	SW	Cloudy				30
31																									31
Sums		(a)	(a)	872.701	900.68	1602.8	1376.3	1129	1757	7334	(a)	(a)	(a)	230	(a)	(a)	0.88	164	(a)	(a)	(a)	0	1	(a)	(a)
Means		(a)	(a)	29.090	30.023	53.4	45.9	37.6	58.6	.245	(a)	(a)	(c) NW	7.7	(a)	(a)	(a)	5.5	UCu.St LStCu	UW LW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation. U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of APR 1930, 193

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Zp. m. to Zp. m. *‡‡ In.	Snow unmelted. Zp. m. to Zp. m. *‡‡ In.	Hail, sleet, and snow on ground at Zp. m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Tuesday 1	50	32	18	1	41				R	5:50a	6:40a	R	7:02a	10:10a							.03	.11	-.08	-.88	0	0	0	0	1
2	49	29	20	2	39																0	.11	-.11	-.19	0	0	0	0	2
3	59	36	23	9	48																0	.10	-.10	-.29	0	0	0	0	3
4	62	35	27	0	48																0	.10	-.10	-.39	0	0	0	0	4
5	67	42	25	6	54																0	.10	-.10	-.49	0	0	0	0	5
6	55	45	10	4	50				R	10:35p	Cont										.02	.10	-.08	-.57	0	0	0	0	6
7	46	36	10	9	41				R	Cont	4:50a	R	6:05a	6:10a	S^D	8:30a	11:00a				.14	.10	+.04	-.53	0	T	0	T	7
8	50	32	18	0	41																0	.11	-.11	-.64	0	0	0	0	8
9	65	32	33	7	48																0	.10	-.10	-.74	0	0	0	0	9
10	84	47	37	18	66																0	.10	-.10	-.84	0	0	0	0	10
11	90	65	25	12	78																0	.10	-.10	-.94	0	0	0	0	11
12	86	53	33	8	70				R	9:35p	9:40p										T	.10	-.10	-1.04	0	0	0	0	12
13	78	55	23	4	66				R	10:50p	Cont										T	.09	-.09	-1.13	0	0	0	0	13
14	68	42	26	11	55				R	Cont	DNa										.12	.09	+.03	-1.10	0	0	0	0	14
15	50	38	12	11	44				R	12:55p	Cont										.48	.10	+.38	-.72	0	0	0	0	15
16	45	40	5	2	42				R	Cont	5:00a	R	8:40a	1:00p	R	10:30p	Cont				.52	.11	+.41	-.31	0	0	0	0	16
17	69	45	24	15	57				R	Cont	DNa	R	11:30a	2:50p	R	6:40p	DNp				.51	.10	+.41	+.10	0	0	0	0	17
18	62	40	22	6	51																0	.10	-.10	-.00	0	0	0	0	18
19	59	37	22	3	48				R	4:50a	5:10a										T	.11	-.11	-.11	0	0	0	0	19
20	49	40	9	4	44				R	DNa	DNa	R	10:15a	11:45a	R	4:50p	Cont				.09	.11	-.02	-.13	0	0	0	0	20
21	55	45	10	6	50				R	Cont	6:25a	R	1:15p	1:30p	R	6:40p	7:30p				.14	.10	+.04	-.09	0	0	0	0	21
22	45	33	12	1	39																0	.10	-.10	-.19	0	0	0	0	22
23	45	31	14	10	38																0	.10	-.10	-.29	0	0	0	0	23
24	44	27	17	2	36																0	.10	-.10	-.39	0	0	0	0	24
25	49	30	19	4	40				R	4:25p	4:30p	R	5:30p	5:35p							T	.10	-.10	-.49	0	0	0	0	25
26	60	35	25	8	48																0	.11	-.11	-.60	0	0	0	0	26
27	59	44	15	4	52				R	2:55p	3:10p	R	4:20p	Cont							.08	.11	-.03	-.63	0	0	0	0	27
28	59	47	12	1	53				R	Cont	9:10a										.06	.11	-.05	-.68	0	0	0	0	28
29	79	46	33	9	62				R	4:30p	4:45p	R	6:15p	6:30p							.01	.10	-.09	-.77	0	0	0	0	29
30	78	60	18	7	69				R	6:02a	7:05a	R	4:10p	5:10p	R	5:20p	5:35p				.07	.10	-.03	-.80	0	0	0	0	30
31																													31
S	1814	1219	595	185	1517		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.27	30.7	Total excess or deficiency since Jan. 1,		0	T	(a)	(a)	(a)
M	60.5	40.6	19.8	6.2	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-0.37		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF APR 1930, 193

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.126	29.090	29.108	*29.460	9	*28.600	7	0.860	30.059	30.023	30.041	*30.42	9	*29.51	7	0.91
Corrected mean		29.103						Corrected mean		30.036	* From barograph trace				

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
44.5	53.4	49.0	40.8	45.9	43.4	60.5	40.6	50.6	90	11	27	24	63	37	10	5	16

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
36.5	37.6	37.0	74.2	58.6	66.4	.228	.245	.236	0	1	7	0

CLOUDS.

Most frequent clouds: Strato-cumulus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5748	8.0	NW	32	NW	7	4	7	7	3	7	13	3	16	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.9	5.5	6.4	56	6	8	16	0	3	10

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
5, 22, 23, 26	2, 3, 4, 9	24, 25	15, 16, 17, 29, 30	None	5,	5,	0	17	10	0	0	2	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.27	0.82	16+17	None	—	—	None	—	—	4	13	10	3	0	17	1	0	T	0

(w) Maximum precipitation in 5 minutes 0.13, date 16th; 10 minutes 0.14, date 16th; 15 minutes 0.15, date 16th

30 minutes 0.19, date 16th; 1 hour 0.30, date 16th; 2 hours 0.34, date 16th+17th

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
								None												

* The duration is the time precipitation was actually recorded.

8—154

Prepared by E.L.H.

E. L. Hardy, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of APR 1930, 193

Number of Station barometer, ; sum of corrections, inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
										Extremes of pressure.															
7	3 00 am	2 00 am				28.600	29.51	42.0															Lowest		7
9	9 00 am	8 00 am				29.460	30.42	40.0															Highest		9

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of APR 1930, 193

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 1 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									38	3	131	8	89	7	31	6			289	24
2			1	1			45	12	27	6	11	3	2	1	2	1			88	24
3	12	2					3	3	4	1	15	2	64	6	111	8	0	2	209	24
4	27	8	2	1			18	5	17	4	13	3	6	2	3	1			86	24
5							7	3	143	18	21	3							171	24
6									3	1	61	8	81	7	71	8			216	24
7													34	3	409	21			443	24
8															304	24			304	24
9	1	1					31	5	73	11	10	4			8	3			123	24
10									89	8	219	16							302	24
11			7	3							187	16	69	5					263	24
12	7	1	29	7	26	7	4	1			23	3	33	3	12	2			134	24
13	5	2					1	1	4	1	15	5	11	4	79	11			115	24
14	14	5	84	13	24	3									23	3			145	24
15			208	20	37	4													245	24
16			167	21	17	3													184	24
17					31	8	40	7	54	6	20	3							145	24
18											227	16	70	5	35	3			332	24
19	5	1							22	3	30	5	41	7	53	8			151	24
20	24	7	35	6	56	9			3	1					2	1			120	24
21					9	2			33	5	45	5	101	9	25	3			213	24
22	5	1											36	3	208	20			252	24
23											41	6	25	2	179	16			245	24
24	7	1											17	2	186	21			210	24
25	6	1									16	5	51	6	67	12			140	24
26	25	9			7	3	6	3	20	4	9	2	9	2			0	1	76	24
27			27	4	25	10	16	5	16	4							0	1	84	24
28			90	13	69	11													159	24
29			37	7	7	2	4	1	24	4	37	7	6	2	1	1			116	24
30							10	2	123	14	55	8							188	24
31																				
SUM,	141	39	687	96	308	62	185	48	687	94	1186	128	745	76	1809	173	0	4	5748	720
PERCENTAGE,	2	5	12	13	6	9	3	7	12	13	21	18	13	11	31	24	0	0	a	a
AVG. HOURLY VELOCITY,	3.6	a	7.2	a	5.0	a	3.9	a	7.3	a	9.3	a	9.8	a	10.5	a	0	a	8.0	a

2—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAY 1930, 193

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	73.0	29.214	.126	29.088	30.01	65.8	60.8	58	76	.482	68.1	62.4	SW	12			T	3	ci	NW	Clear		E.L.H.	1
2	74.5	28.965	.129	28.836	29.74	64.2	59.2	56	75	.448	74.1	58.2	SW	20			0.11	9	st cu	SW	Cloudy		C.L.H.	2
3	75.0	28.284	.132	29.152	30.07	55.8	50.3	46	69	.310	63.1	50.2	W	4			0	0	0	0	Clear		C.L.H.	3
4	75.5	29.309	.133	29.176	30.10	58.3	48.8	39	49	.237	69.9	51.9	SE	6			0	0	0	0	Clear		[illegible]	4
5	78.0	29.212	.139	29.073	29.98	67.4	61.0	57	69	.465	75.8	63.8	SW	6			0	10	st cu	W	Cloudy		C.L.H.	5
6	77.5	29.160	.138	29.022	29.93	67.8	62.8	60	76	.517	67.8	62.4	S	9			T	1	cu	SW	Clear		C.L.H.	6
7	80.0	29.064	.144	28.920	29.82	67.0	63.0	61	80	.536	78.8	66.1	SE	0			0.13	10	st	SW	Cloudy		C.L.H.	7
8	78.0	29.190	.139	29.051	29.96	64.8	58.3	54	68	.417	73.8	59.1	S	9			0	0	0	0	Clear		C.L.H.	8
9	81.0	29.330	.148	29.182	30.09	66.0	61.5	59	78	.499	80.3	60.8	SE	2			0	2	ci	NE	Clear		C.L.H.	9
10	82.0	29.340	.150	29.190	30.10	65.4	58.2	53	65	.402	79.9	61.8	E	3			0	5	2 st	W	Part Cloudy		C.L.H.	10
11	82.5	29.290	.152	29.138	30.05	66.8	63.3	62	83	.555	78.8	64.1	SE	6			0.25	9	st cu	SW	Cloudy		C.L.H.	11
12	77.0	29.312	.137	29.175	30.10	63.8	60.8	59	85	.499	69.2	60.4	S	10			0.02	2	ci st	SE	Clear		C.L.H.	12
13	77.0	29.300	.137	29.163	30.08	62.5	56.5	52	70	.387	69.6	58.0	S	10			0	8	ci	SW	Cloudy		C.L.H.	13
14	75.0	28.990	.131	28.859	29.78	53.8	51.8	50	88	.360	66.9	52.0	W	5			0.04	10	st cu	W	Cloudy		C.L.H.	14
15	73.0	28.918	.125	28.793	29.70	49.7	48.2	47	90	.322	55.8	49.7	W	12			0.17	10	st cu	W	Light Rain		C.L.H.	15
16	73.0	29.041	.125	28.916	29.84	55.4	52.0	50	80	.360	55.4	51.8	SW	6			T	2 3	2 cu cu	SW	Part Cloudy		C.L.H.	16
17	72.0	29.270	.124	29.146	30.08	49.1	43.1	36	61	.211	62.0	47.8	NW	12			0	4	ci	W	Part Cloudy		C.L.H.	17
18	70.5	29.230	.120	29.110	30.04	44.2	44.2	44	100	.287	52.8	44.2	NE	7			0.31	10	st	NE	Light Rain		[illegible]	18
19	67.5	29.030	.111	28.919	29.85	50.2	50.0	50	98	.360	50.2	47.4	NE	7			0.24	10 10	st Light Fog	NE	Misting		C.L.H.	19
20	69.0	29.415	.117	29.298	30.24	49.1	47.1	45	87	.298	53.9	42.9	SW	3			0	3	ci	E	Clear		C.L.H.	20
21	71.0	29.364	.121	29.243	30.16	58.8	55.3	53	81	.402	64.6	54.4	SW	10			0	2	ci	NW	Clear		C.L.H.	21
22	74.0	29.282	.129	29.153	30.06	64.8	58.3	54	68	.417	74.6	61.1	SW	12			0	7	ci st	W	Part Cloudy		C.L.H.	22
23	77.0	29.108	.136	28.972	29.87	68.2	61.2	57	67	.465	77.3	63.1	S	12			0	6	cu	SW	Part Cloudy		C.L.H.	23
24	73.0	29.450	.127	29.323	30.26	49.4	44.4	39	67	.237	53.0	45.8	NW	12			0	0	0	0	Clear		C.L.H.	24
25	71.5	29.629	.124	29.505	30.44	47.2	44.0	41	78	.256	56.2	42.8	N	3			0	0	0	0	Clear		C.L.H.	25
26	71.0	29.560	.122	29.438	30.38	47.5	44.0	40	76	.247	57.8	45.8	N	15			0	10	cu	W	Cloudy		C.L.H.	26
27	72.0	29.402	.125	29.277	30.22	49.5	46.0	42	77	.266	59.8	49.2	SE	4			0	9	cu	W	Cloudy		C.L.H.	27
28	71.0	29.125	.120	29.005	29.93	54.0	53.5	53	97	.402	61.4	54.0	NW	12			T	10	st	NW	Light Rain		C.L.H.	28
29	70.0	29.240	.118	29.122	30.05	44.4	40.4	35	71	.203	54.1	39.8	NW	4			0	0	0	0	Clear		C.L.H.	29
30	70.0	29.310	.119	29.191	30.12	44.0	40.5	36	74	.211	57.1	41.2	N	8			T	0	0	0	Clear		C.L.H.	30
31	69.0	29.402	.117	29.285	30.22	50.0	43.5	36	59	.211	58.8	45.1	NW	3			0	0	0	0	Clear		C.L.H.	31
Sums		(a)	(a)	902.721	931.27	1764.9	1632.0	1524	2362	11.269	(a)	(a)	(a)	250	(a)	(a)	1.27	155	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.120	30.041	56.9	52.6	49.2	76.2	.364	(a)	(a)	(c) 210	8.1	(a)	(a)	(a)	5.0	U ci L cu & st cu	U W L SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAY 1930, 193

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	77.0	29.067	.136	28.931	29.84	74.1	65.9	62	65	.555	80.2	65.8	S	16			T	3 1 1	cist acu cu	SW SW W	Part Cloudy				1
2	76.0	29.148	.134	29.014	29.93	63.1	51.0	40	42	.247	69.2	63.1	NW	8			0	1	cist	NW	Clear				2
3	77.0	29.231	.137	29.094	30.01	69.9	54.2	40	34	.247	73.5	55.8	NW	3			0	0	0	0	Clear				3
4	78.0	29.181	.139	29.042	29.96	75.8	58.1	44	33	.287	79.8	58.3	SE	6			0	5	cist	NW	Part Cloudy				4
5	78.0	29.172	.139	29.033	29.95	67.3	61.7	58	73	.482	81.8	67.3	S	12			T	7 1	stcu ci	SW W	Part Cloudy				5
6	82.0	29.081	.149	28.932	29.83	78.8	66.8	61	54	.536	84.9	67.8	SW	8			0	2	cu	W	Clear				6
7	80.0	28.961	.144	28.817	29.72	73.8	61.8	54	51	.417	77.6	67.0	S	14			T	5 2	cist stcu	W	Part Cloudy				7
8	82.0	29.207	.150	29.057	29.97	80.3	60.3	45	29	.298	84.6	64.8	S	5			0	1	stcu	SW	Clear				8
9	84.0	29.299	.156	29.143	30.05	79.9	65.8	58	47	.482	85.3	66.0	NE	5			0	1 2	ci cu	SW S	Clear				9
10	83.5	29.267	.154	29.113	30.02	78.8	62.8	53	41	.402	87.2	65.4	E	7			0	10	stcu	SW	Cloudy				10
11	81.0	29.240	.147	29.093	30.00	69.2	66.7	65	88	.616	70.9	66.1	SE	5			0.05	10	stcu	SW	Cloudy				11
12	79.0	29.336	.142	29.194	30.11	69.6	57.6	49	48	.347	72.8	63.8	SW	8			0	Few	ci	SW	Clear				12
13	78.0	29.079	.138	28.941	29.85	66.9	58.6	53	61	.402	77.0	62.5	S	11			T	4 3	cist stcu	SW SW	Part Cloudy				13
14	75.0	28.931	.131	28.800	29.71	55.8	52.6	50	81	.360	57.1	53.8	SW	10			T	10	stcu	NW	Cloudy				14
15	73.5	28.947	.127	28.820	29.74	54.2	51.2	49	82	.347	56.2	49.7	SW	5			T	10	stcu	NW	Cloudy				15
16	73.0	29.096	.125	28.971	29.89	62.0	52.2	43	51	.277	63.8	55.4	SW	8			0	9	stcu	NW	Cloudy				16
17	74.0	29.258	.129	29.129	30.06	52.8	45.9	39	59	.237	56.1	49.1	NE	4			T	10	st	NE	Light Rain				17
18	68.0	29.141	.113	29.028	29.97	49.0	47.8	47	92	.322	49.0	44.0	NE	9			0.20	10	st	E	Cloudy				18
19	69.0	29.229	.116	29.113	30.04	53.9	51.1	49	83	.347	62.8	49.6	W	11			0.03	10	stcu	W	Cloudy	B 6:05a E 9:10a			19
20	72.0	29.374	.124	29.250	30.18	64.6	56.8	51	62	.373	68.0	49.1	SW	8			0	3 2	acu stcu	NW NW	Part Cloudy				20
21	75.0	29.254	.132	29.122	30.04	74.6	64.0	58	56	.482	79.0	58.8	S	6			0	7	cist	NW	Part Cloudy				21
22	78.0	29.154	.139	29.015	29.93	77.3	62.1	52	42	.387	82.9	64.8	S	8			0	4	ci	W	Part Cloudy				22
23	76.0	29.178	.134	29.044	29.96	53.0	50.0	47	82	.322	83.8	51.8	NW	11			1.25	8 1	stcu pcu	SW NW	Cloudy				23
24	72.5	29.515	.126	29.389	30.33	56.2	47.7	39	53	.237	60.2	49.4	NW	9			0	4	cu	NW	Part Cloudy				24
25	73.0	29.558	.127	29.431	30.37	57.8	47.3	36	45	.211	61.1	47.2	NW	4			0	1	acu	W	Clear				25
26	74.0	29.416	.130	29.286	30.23	59.8	52.4	46	61	.310	64.8	47.5	NE	8			T	4	stcu	NW	Part Cloudy				26
27	72.0	29.140	.124	29.016	29.95	60.0	58.1	57	90	.465	69.0	49.5	SE	7			0.19	1 3	cu stcu	NW NW	Part Cloudy				27
28	71.0	29.229	.121	29.108	30.04	54.1	48.9	44	69	.287	56.1	49.9	N	5			T	2 6	cu stcu	NW NW	Cloudy				28
29	71.0	29.183	.121	29.062	29.99	57.1	45.6	32	39	.180	59.8	44.4	N	4			0	10	stcu	N	Cloudy				29
30	71.0	29.312	.121	29.191	30.12	58.8	47.8	37	43	.219	59.9	44.0	N	3			0	1	cu	N	Clear				30
31	72.0	29.341	.124	29.217	30.14	68.0	51.0	33	28	.187	70.2	50.0	W	2			0	3	cist	N	Clear				31
Sums		(a)	(a)	901.395	929.93	2016.5	1723.8	1491	1784	10.868	(a)	(a)	(a)	230	(a)	(a)	1.72	178	(a)	(a)	(a)	1	0	(a)	(a)
Means		(a)	(a)	29.077	29.998	65.0	55.6	48.1	57.5	.351	(a)	(a)	(c) S	7.4	(a)	(a)	(a)	5.7	U cist L stcu	U SW L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAY 1930, 193

Date.	Temperature. Maximum. (b) °	Minimum. (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Z p.m. to Z p.m. *‡‡ In.	Snow unmelted. Z p.m. to Z p.m. *‡‡ In.	Hail, sleet, and snow on ground at Z p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Thursday 1	80	62	18	2	71				R	3:40p	3:45p										T	.11	-.11	-.11	0	0	0	0	1
2	70	55	15	9	62				R	DN2	DN2	R	DN2	5:05a							.11	.11	0	-.11	0	0	0	0	2
3	74	50	24	0	62																0	.11	-.11	-.22	0	0	0	0	3
4	80	52	28	4	66																0	.11	-.11	-.33	0	0	0	0	4
5	82	63	19	6	72				R	8:00a	8:10a										T	.12	-.12	-.45	0	0	0	0	5
6	85	62	23	2	74				R	DN2	DN2										T	.12	-.12	-.57	0	0	0	0	6
7	78	64	14	3	71				R	DN2	DN2	R	4:05a	6:20a	R	8:35a	9:10a	R	12:55p	1:40p	.13	.11	+.02	-.55	0	0	0	0	7
8	85	59	26	1	72																0	.11	-.11	-.66	0	0	0	0	8
9	85	61	24	1	73																0	.12	-.12	-.78	0	0	0	0	9
10	87	62	25	1	74				R	9:15p	9:45p										.13	.13	0	-.78	0	0	0	0	10
11	71	64	7	6	68				R	4:50p	5:20p	R	6:10p	6:50p							.17	.12	+.05	-.73	0	0	0	0	11
12	73	60	13	2	66				R	DN2	DN2	R	9:30a	9:40a	R	10:10a	10:20a	R	11:18a	1:15p	.02	.13	-.11	-.84	0	0	0	0	12
13	77	58	19	2	68				R	3:15p	3:20p	R	10:30p	11:20p							.04	.14	-.10	-.94	0	0	0	0	13
14	58	52	6	13	55				R	8:25a	8:35a	R	7:10p	8:15p	R	11:25p	cont				.01	.13	-.12	-1.06	0	0	0	0	14
15	56	50	6	2	53				R	cont.	DN2	R	6:30a	7:10a	R	9:40a	9:55a	R	8:20p	8:30p	.16	.13	+.03	-1.03	0	0	0	0	15
16	66	52	14	6	59																0	.14	-.14	-1.17	0	0	0	0	16
17	58	48	10	6	53				R	5:20p	cont										.05	.14	-.09	-1.26	0	0	0	0	17
18	49	44	5	7	46				R	cont	1:15p										.46	.13	+.33	-.93	0	0	0	0	18
19	63	45	18	8	54				R	DN2	DN2	R	4:15a	5:30a	R	6:30a	9:15a	R	11:15a	11:20a	.27	.13	+.14	-.79	0	0	0	0	19
20	68	43	25	2	56																0	.13	-.13	-.92	0	0	0	0	20
21	79	54	25	10	66																0	.13	-.13	-1.05	0	0	0	0	21
22	83	61	22	6	72																0	.13	-.13	-1.18	0	0	0	0	22
23	84	48	36	6	66				R	1:24p	1:35p	R	2:15p	3:05p	R	4:50p	5:10p				1.25	.13	+1.12	-.06	0	0	0	0	23
24	60	46	14	13	53																0	.14	-.14	-.20	0	0	0	0	24
25	61	43	18	1	52																0	.13	-.13	-.33	0	0	0	0	25
26	65	46	19	4	56				R	8:10a	8:15a										T	.13	-.13	-.46	0	0	0	0	26
27	69	49	20	3	59				R	10:20a	10:35	R	12:45p	12:50p	R	1:30p	1:35p	R	2:05p	5:30p	.19	.12	+.07	-.39	0	0	0	0	27
28	61	44	17	7	52				R	6:10a	7:20a										T	.12	-.12	-.51	0	0	0	0	28
29	60	40	20	2	50				R	8:10p	8:40p										T	.12	-.12	-.63	0	0	0	0	29
30	60	41	19	0	50																0	.12	-.12	-.75	0	0	0	0	30
31	70	45	25	8	58																0	.11	-.11	-.86	0	0	0	0	31
S	2197	1624	573	142	1910		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.99	3.85	Total excess or deficiency since Jan. 1,	0	0	(a)	(a)	(a)
M	70.9	52.4	18.5	4.6	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-1.23	(a)	(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF MAY 1930, 193

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.120	29.077	29.093	x 29.510	25	x 28.760	15	0.750	30.041	29.998	30.020	x 30.45	25	x 29.67	15	0.78
Corrected mean....								Corrected mean....		30.015	x From barograph trace.				

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
56.9	65.0	61.0	52.6	55.6	54.1	70.9	52.4	61.6	87	10	40	29	47	36	23	5	18

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
49.2	48.1	48.6	76.2	57.5	66.8	.364	.351	.358	0	0	0	0

CLOUDS.

Most frequent clouds: cumulus

Most frequent direction upper clouds: west

Most frequent direction lower clouds: southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
60.94	8.2	SW	29	SW	2	6	6	2	8	12	13	5	10	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.0	5.7	5.5	67%	13	5	13	2	0	11

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
25,29,30	0	0	7, 11, 23, 27	None	17,23,31	0	1, 9	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.99	1.25	23	None	—	—	None	—	—	6	13	11	3	1	19	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.43, date 23rd; 10 minutes 0.72, date 23rd; 15 minutes 0.84, date 23rd.

30 minutes 0.87, date 23rd; 1 hour 0.98, date 23rd; 2 hours 1.25, date 23rd.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
23	1:24p	1:40p	0.37	1:26p	1:37p	T	0.17	0.34	0.37											
23	2:15p	3:05p	0.88	1:19p	1:34p	0.02	0.12	0.58	0.84											

* The duration is the time precipitation was actually recorded.

8—154

Prepared by E.Y.H.

Ele L. Hardy, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAY 1930, 193

Number of Station barometer, ; sum of corrections, inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
										Extremes of pressure															
15	3 00 pm	2 00 am				28.760	29.67	52.0															Lowest		15
25	9 00 am	8 00 am				29.510	30.45	51.0															Highest		25

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of MAY 1930, 193

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									140	10	224	14							364	24
2											136	11	178	11	26	2			340	24
3	21	4									26	6	7	2	61	12			115	24
4	5	1	7	2	12	3	116	15	27	3									167	24
5									134	16	115	8							249	24
6									134	15	85	9							219	24
7					12	2	31	4	176	13	33	5							252	24
8					5	2	9	2	125	17	25	3							164	24
9			21	5	8	2	24	6	46	7	13	4							112	24
10			29	6	51	10	57	7	7	1									144	24
11					55	11	65	10	20	2	5	1							145	24
12							13	2	49	5	210	17							274	24
13									170	15	100	8			6	1			276	24
14	3	1									89	11	77	12					169	24
15											36	7	150	17					186	24
16											174	21	30	3					204	24
17	44	6	54	9							11	2	13	2	37	5			159	24
18			120	17	52	7													172	24
19	18	3	28	5	12	3							81	9	33	4			172	24
20											106	14	48	10					154	24
21									66	7	189	17							255	24
22									168	17	87	7							255	24
23									180	13	34	2	63	6	41	3			318	24
24	11	4									24	4	65	6	109	10			209	24
25	34	11	3	1											93	12			130	24
26	34	12	53	12															87	24
27	12	2	14	3	26	6	63	12	8	1									123	24
28	18	3	7	2											179	19			204	24
29	111	15													60	9			171	24
30	148	18											16	3	21	3			185	24
31									15	3	3	1	35	10	69	10			122	24
SUM,	459	80	336	62	233	46	378	58	1465	145	1725	172	763	91	735	90	0	0	6094	744
PERCENTAGE,	8	11	5	8	4	6	6	8	24	20	28	23	13	12	12	12	0	0	a	a
AVG. HOURLY VELOCITY,	5.7	a	5.4	a	5.1	a	6.5	a	10.1	a	10.0	a	8.4	a	8.2	a	0	a	8.2	a

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUN 1930, 193

Number of Station barometer, 6.56; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. + Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	71.0	29.436	.122	29.314	30.24	56.6	49.0	42	58	.266	68.0	50.8	SW	7			0	0	0	0	Clear		[illegible]	1
2	73.0	29.450	.127	29.323	30.24	62.8	53.3	46	53	.310	74.8	56.8	SW	6			0	Few	cist	W	Clear		C.L.H.	2
3	76.5	29.500	.137	29.363	30.28	66.8	57.3	51	56	.373	80.0	61.8	S	10			0	Few	ci	W	Clear		C.L.H.	3
4	79.0	29.476	.143	29.333	30.25	69.2	60.0	54	58	.417	80.9	63.6	SW	8			0	Few	ci st	W	Clear		C.L.H.	4
5	83.0	29.300	.153	29.147	30.06	71.8	62.8	58	61	.482	82.6	65.2	SW	7			0	1	cist	W	Clear		C.L.H.	5
6	83.0	29.024	.151	28.873	29.78	66.7	64.7	64	90	.595	77.1	63.0	SW	10			0.78	10	st cu	W	Cloudy		C.L.H.	6
7	75.0	29.184	.132	29.052	29.98	47.0	46.5	46	96	.310	52.2	45.8	W	9			0.18	10	st cu	NW	Light Rain		C.L.H.	7
8	73.0	29.320	.126	29.194	30.12	54.8	47.8	41	60	.256	56.6	49.1	W	6			T	4 2	cist cu	W W	Part Cloudy		C.L.H.	8
9	72.0	29.300	.124	29.176	30.11	55.8	52.3	50	79	.360	59.2	50.2	NE	1			0	4	cist	NE	Part Cloudy		C.L.H.	9
10	73.0	29.308	.126	29.182	30.10	56.6	52.6	50	77	.360	62.7	50.6	N	4			0	3	cist	NE	Clear		C.L.H.	10
11	74.0	29.303	.129	29.174	30.09	62.2	54.0	48	59	.334	68.1	55.6	S	8			0	2 6	ci st 2 cu	SW SW	Part Cloudy		C.L.H.	11
12	74.0	29.280	.129	29.151	30.07	64.8	56.3	50	59	.360	66.6	59.8	SE	5			0.02	2 7 1	2 cu 2 st cu	W W W	Cloudy		C.L.H.	12
13	76.0	29.270	.134	29.136	30.05	69.0	61.0	56	64	.448	74.7	64.8	S	8			0	3	2 cu	SW	Clear		C.L.H.	13
14	79.0	29.276	.142	29.134	30.04	72.2	63.2	58	61	.482	81.2	66.8	S	12			0	0	0	0	Clear		C.L.H.	14
15	81.0	29.249	.147	29.102	30.00	73.3	65.0	61	64	.536	83.8	68.2	S	8			0	1 3	ci cu	N SW	Part Cloudy		[illegible]	15
16	81.0	29.068	.146	28.922	29.83	66.8	65.3	65	92	.616	69.8	65.9	SW	12			0.80	10	st cu	W	Cloudy		C.L.H.	16
17	80.0	29.000	.144	28.856	29.77	64.2	59.2	56	75	.448	71.7	59.9	NW	3			0	2	cu	W	Clear		C.L.H.	17
18	78.0	29.000	.138	28.862	29.78	57.5	56.5	56	94	.448	63.6	56.8	W	7			0.20	10	st	W	Light Rain		C.L.H.	18
19	75.0	29.144	.132	29.012	29.93	60.2	55.2	51	73	.373	63.8	53.4	W	4			0	Few	2 st	SW	Clear		C.L.H.	19
20	76.0	29.240	.134	29.106	30.02	65.2	61.0	59	79	.499	72.7	60.2	W	4			0	2	ci st	W	Clear		C.L.H.	20
21	78.0	29.130	.139	28.991	29.89	68.0	58.5	52	57	.387	78.8	59.7	SW	3			0	Few	2 cu	W	Clear		C.L.H.	21
22	80.5	29.110	.145	28.965	29.86	70.0	61.5	56	62	.448	80.1	65.2	N	3			0	Few	ci st	NE	Clear		C.L.H.	22
23	82.0	29.090	.149	28.941	29.83	73.0	65.0	61	65	.536	83.8	71.8	SE	6			0	4	2 cu	W	Part Cloudy		C.L.H.	23
24	85.5	29.010	.158	28.852	29.74	76.8	72.3	71	81	.757	86.1	75.9	NW	7			T	8 1	2 st cu	W NW	Cloudy		C.L.H.	24
25	84.0	29.192	.155	29.037	29.94	68.2	62.2	58	72	.482	79.1	60.8	W	2			0	1	2 st	W	Clear		C.L.H.	25
26	84.0	28.970	.154	28.816	29.71	65.0	64.0	63	95	.525	83.1	65.0	SW	8			0.26	10	Nb	W	Heavy Rain		C.L.H.	26
27	79.0	29.090	.141	28.949	29.86	63.8	57.3	53	68	.402	69.9	58.8	NW	12			0.07	1	cu	NW	Clear		C.L.H.	27
28	79.0	29.260	.142	29.118	30.04	55.2	50.2	46	71	.310	74.4	51.8	NE	4			0	Few	cist	W	Clear		C.L.H.	28
29	70.5	29.262	.136	29.126	30.04	64.8	56.6	50	61	.360	73.8	56.9	SE	8			0	3	cist	W	Clear		[illegible]	29
30	77.5	29.250	.154	29.096	30.00	72.0	65.0	61	69	.536	86.0	71.8	W	8			0.01	10	st cu	SW	Light Rain		C.L.H.	30
31																								31
Sums		(a)	(a)	872.303	899.65	1940.3	1755.6	1633	2109	1.3864	(a)	(a)	(a)	200	(a)	(a)	2.32	121	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.077	29.988	64.7	58.5	54.4	70.3	43.6	(a)	(a)	(c) SW	6.7	(a)	(a)	(a)	4.0	U cist L Cu	UW LW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out-of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUN 1930, 193

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	74.0	29.346	.129	29.217	30.14	74.8	57.8	45	34	.298	79.8	56.6	SW	6			0	0	0	0	Clear				1
2	79.0	29.410	.143	29.267	30.19	80.0	61.0	48	32	.334	84.9	62.8	S	4			0	1	cist	SW	Clear				2
3	81.0	29.388	.148	29.240	30.15	80.9	64.1	54	40	.417	87.1	66.8	S	6			0	4	ci	SW	Part Cloudy				3
4	84.0	29.314	.156	29.158	30.07	82.6	64.0	52	36	.387	88.1	69.2	S	7			0	7	cist	W	Part Cloudy				4
5	84.0	29.116	.155	28.961	29.86	77.1	68.0	64	63	.595	88.0	71.8	S	13			0	9	stcu	SW	Cloudy				5
6	78.0	29.085	.139	28.946	29.87	52.2	50.0	48	86	.334	69.0	52.2	W	11			0.26	10	stcu	W	Light Rain				6
7	74.0	29.246	.129	29.117	30.05	56.6	50.0	44	63	.287	59.9	47.0	NW	4			0.04	8	stcu	N	Cloudy				7
8	74.0	29.260	.129	29.131	30.06	59.2	53.2	48	68	.334	69.0	54.8	S	4			T	6	cist	SW	Part Cloudy				8
9	74.0	29.273	.129	29.144	30.06	62.7	54.2	48	58	.334	70.6	55.8	E	4			0	Few 2	ci cu	NW N	Clear				9
10	74.5	29.231	.130	29.101	30.02	68.1	58.1	51	55	.373	72.3	56.6	W	4			0	5	cu	N	Part Cloudy				10
11	74.5	29.351	.130	29.221	30.14	66.6	55.8	48	50	.334	77.1	62.2	S	9			T	10	stcu	SW	Cloudy				11
12	77.5	29.216	.138	29.078	29.99	74.7	64.9	60	60	.517	81.0	64.8	S	9			0.05	7	acu	SW	Part Cloudy				12
13	81.0	29.197	.147	29.050	29.96	81.2	63.6	53	37	.402	85.1	69.0	S	8			0	7	cist	SW	Part Cloudy				13
14	83.5	29.214	.154	29.060	29.96	83.8	66.8	58	41	.482	88.0	72.2	S	9			0	2	cist	SW	Clear				14
15	82.0	29.127	.150	28.977	29.89	69.8	67.0	66	87	.638	85.1	69.2	N	4			0.01	9	stcu	SW	Cloudy				15
16	80.0	28.970	.144	28.826	29.73	71.7	61.2	55	55	.432	78.3	66.7	W	6			0.01	3	cu	W	Clear				16
17	77.5	28.949	.137	28.812	29.71	63.6	59.4	57	78	.465	73.8	60.9	W	4			1.24	9	st	W	Cloudy				17
18	76.0	29.065	.133	28.932	29.85	63.8	58.0	54	71	.417	66.8	57.5	W	7			0.04	2 1	ci cu	W W	Clear				18
19	75.5	29.161	.133	29.028	29.95	72.7	62.7	57	58	.465	75.8	60.2	W	4			0	3 5	ci cist	W W	Cloudy				19
20	78.0	29.138	.139	28.999	29.91	78.8	65.0	57	48	.465	83.1	65.2	NW	6			0	4	ci	NW	Part Cloudy				20
21	81.0	29.034	.146	28.888	29.79	80.1	66.6	59	49	.499	84.8	68.0	NW	7			0	Few	ci	W	Clear				21
22	82.0	29.072	.149	28.923	29.82	83.8	70.4	64	52	.595	86.8	70.0	0	0			0	2	cst	W	Clear				22
23	88.5	28.927	.166	28.761	29.65	86.1	71.1	64	48	.595	95.1	73.0	SW	10			0	4 Few	ci cu	W W	Part Cloudy				23
24	86.0	29.112	.160	28.952	29.84	79.1	68.0	62	57	.555	83.1	76.4	NW	5			0	0	0	0	Clear				24
25	85.0	29.066	.157	28.909	29.81	83.1	71.8	67	58	.661	91.9	68.2	S	6			0	6	st	W	Cloudy				25
26	80.0	29.017	.144	28.873	29.78	69.9	60.9	55	60	.432	79.8	65.0	NW	16			0.05	4 7	stcu	W NW	Part Cloudy				26
27	79.5	29.105	.143	28.962	29.67	74.4	60.9	52	45	.387	82.8	63.8	NW	10			0	3	ci	NW	Clear				27
28	73.5	29.235	.144	29.091	30.01	73.8	59.0	48	41	.334	76.0	55.2	E	5			0	3	cist	W	Clear				28
29	80.0	29.194	.160	29.034	29.93	86.0	67.8	58	39	.482	90.1	64.8	S	8			0	6 1	cist cu	SW SW	Part Cloudy				29
30	74.5	29.154	.147	29.007	29.91	75.6	66.0	62	64	.555	78.9	68.4	SW	8			0.04	4 5	cist stcu	SW SW	Part Cloudy				30
31																									31
Sums		(a)	(a)	870.665	897.97	2212.8	1867.3	1658	1633	13.405	(a)	(a)	(a)	204	(a)	(a)	1.74	156	(a)	(a)	(a)			(a)	(a)
Means		(a)	(a)	29.022	29.932	73.8	62.2	55.3	54.4	.447	(a)	(a)	(c) S	6.8	(a)	(a)	(a)	5.2	U cist L stcu	U SW L W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUN 1930, 193

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
1 Sunday	80	51	29	8	66																0	.10	-.10	-.10	0	0	0	0	1
2	85	57	28	5	71																0	.11	-.11	-.21	0	0	0	0	2
3	87	62	25	3	74																0	.11	-.11	-.32	0	0	0	0	3
4	88	64	24	2	76																0	.12	-.12	-.44	0	0	0	0	4
5	88	63	25	0	76				R	8:45p	10:35p	R	11:15p	cont							0.74	.13	+.61	+.17	0	0	0	0	5
6	69	49	20	17	59				R	12:01p	1:15p	R	6:15p	8:00p	R	11:15p	cont				0.31	.13	+.18	+.35	0	0	0	0	6
7	60	46	14	6	53				R	cont	DNa	R	6:30a	6:35a	R	7:10a	8:55a	R	10:45a	11:20a	0.21	.13	+.08	+.43	0	0	0	0	7
8	69	49	20	6	59				R	10:15a	10:30a										T	.13	-.13	+.30	0	0			8
9	71	50	21	1	60																0	.11	-.11	+.19	0	0	0	0	9
10	72	51	21	2	62																0	.11	-.11	+.08	0	0	0	0	10
11	77	56	21	4	66				R	4:30p	5:00p	R	7:15p	cont							0.01	.11	-.10	-.02	0	0	0	0	11
12	81	60	21	4	70				R	cont	2:00a										0.06	.11	-.05	-.07	0	0	0	0	12
13	85	65	20	5	75																0	.11	-.11	-.18	0	0	0	0	13
14	88	67	21	3	78																0	.12	-.12	-.30	0	0	0	0	14
15	85	66	19	2	76				R	6:15p	6:35p	R	7:05p	cont							0.77	.13	+.64	+.34	0	0	0	0	15
16	78	63	15	6	70				R	cont	DNa	R	10:55a	11:20a							0.05	.13	-.08	+.26	0	0	0	0	16
17	74	60	14	3	67				R	8:22a	8:27a	R	11:45a	1:15p	R	11:05p	cont	R+H	12:15p	12:20p	1.33	.12	+1.21	+1.47	0	0	0	0	17
18	67	57	10	5	62				R	cont	DNa	R	DNa	DNa	R	3:10a	7:30a				.15	.11	+.04	+1.51	0	0	0	0	18
19	76	53	23	2	64																0	.11	-.11	+1.40	0	0	0	0	19
20	83	60	23	8	72																0	.11	-.11	+1.29	0	0	0	0	20
21	85	60	25	0	72																0	.11	-.11	+1.18	0	0	0	0	21
22	87	65	22	4	76																0	.12	-.12	+1.06	0	0	0	0	22
23	95	72	23	8	84				R	11:10p	11:30p										T	.12	-.12	+.94	0	0	0	0	23
24	83	65	18	10	74				R	DNa	DNa										T	.13	-.13	+.81	0	0	0	0	24
25	92	61	31	2	76																0	.13	-.13	+.68	0	0	0	0	25
26	80	62	18	5	71				R	5:32a	7:20a	R	10:40p	cont							.37	.14	+.23	+.91	0	0	0	0	26
27	83	59	24	0	71				R	cont	DNa										.01	.13	-.12	+.79	0	0	0	0	27
28	76	52	24	7	64																0	.12	-.12	+.67	0	0	0	0	28
29	90	57	33	10	74				R	11:40p	cont										T	.12	-.12	+.55	0	0	0	0	29
30	79	67	12	1	73				R	cont	DNa	R	6:05a	9:00a							.05	.11	-.06	+.49	0	0	0	0	30
31																													31
S	2413	1769	644	139	2091		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4.06	3.57	Total excess or deficiency since Jan. 1, -0.74		T	0	(a)	(a)	
M	80.4	59.0	21.5	4.6	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

(8) [no hail fell at office, but fell in north and east portions of city].

8—154

SUMMARY FOR THE MONTH OF JUN 1930, 193

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.077	29.022	29.050	29.363	3	28.761	23	0.602	29.988	29.932	29.960	30.28	3	29.65	23	0.63
Corrected mean		29.046						Corrected mean		29.956					

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
64.7	73.8	69.2	58.5	62.2	60.4	80.4	59.0	69.7	95	23	46	7	49	33	29	10	18

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
54.4	55.3	54.8	70.3	54.4	62.4	.436	.447	.442	0	3	0	0

CLOUDS.

Most frequent clouds: Cirrus-Stratus & Cumulus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5762	8.0	S	26	S	27	3	2	2	3	16	11	13	9	1

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.0	5.2	4.9	74	11	13	6	2	4	6

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
None	None	None	5,6,12,15,17,24,30	0	11	0	0	0	0	0	0	0	17	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
4.06	1.48	17+18	—	—	—	1:10 ~~1.29~~	:27 0.~~54~~	17	4	12	10	5	1	16	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.28, date 17; 10 minutes 0.50, date 17; 15 minutes 0.72, date 17

30 minutes 1.12, date 17; 1 hour 1.24, date 17; 2 hours 1.24, date 17

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
15	7:05p	DNe of 8	0.80	7:12p	7:4~~3~~2p	.01 ~~X~~	.08	.16	.27	.31	.35	.59								
17	11:45a	1:15p	1.24	12:~~12~~6p	12:4~~7~~4p	.03 ~~T~~	.26 ~~.07~~	.50 ~~.36~~	.72 ~~.56~~	.85 ~~.80~~	1.02 ~~.91~~	1.12 ~~1.10~~	~~1.16~~							

* The duration is the time precipitation was actually recorded.

8—154

Prepared by _____, _____, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUN 1930, 193

Number of Station barometer, ; sum of corrections, inch.

Date.	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	Date.
	75th mer.	Local (standard).	Attached thermometer	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Amt.	Kind.	Dir. from.				

SPECIAL OBSERVATIONS.

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUN 1930, 193

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									55	7	168	17							223	24
2									90	11	140	13							230	24
3									106	14	121	10							227	24
4									158	17	84	7							242	24
5									129	13	151	10	8	1					288	24
6									18	2	119	10	138	12					275	24
7	7	1	4	2									56	8	115	13			182	24
8					6	1	19	6	4	1	6	1	78	12	7	3			120	24
9	30	5	55	14	5	3	5	1	3	1									98	24
10	75	14									14	4	11	3	18	3			118	24
11					2	1	3	1	61	9	128	13							194	24
12	9	2			16	4	31	5	128	13									184	24
13							22	3	218	21									240	24
14									245	23	14	1							259	24
15							10	2	98	11	113	7			27	4			248	24
16									7	1	91	11	56	6	36	6			190	24
17	29	6											10	2	56	16			95	24
18	4	1									8	2	124	18	12	3			148	24
19											24	6	114	16	7	2			145	24
20											5	2	73	14	44	8			125	24
21											7	2	48	6	100	16			155	24
22	8	2	2	1					7	3	25	8	25	4	24	6			91	24
23					5	1	37	4	78	9	117	10							237	24
24											49	6	75	9	60	9			184	24
25	2	1							69	11	34	5	11	6	3	1			119	24
26									5	1	167	14	105	9					277	24
27	134	9	17	1											134	14			285	24
28	45	8	39	7	24	5	19	4											127	24
29							38	7	134	13	55	4							227	24
30									51	6	178	18							229	24
31																				
SUM,	343	49	117	25	58	15	184	33	1664	187	1821	181	932	126	643	104	0	0	5762	720
PERCENTAGE,	6	7	2	3	1	2	3	5	29	26	32	25	16	18	11	14	0	0	a	a
AVG. HOURLY VELOCITY,	7.0	a	4.7	a	3.9	a	5.6	a	8.9	a	10.1	a	7.4	a	6.2	a	0	a	8.0	c

2—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUL 1930, 193

Number of Station barometer, 656; sum of corrections, -.026 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	78.0	29.180	.155	29.025	29.94	67.8	61.3	58	69	.482	75.6	64.1	W	7			0	0	0	0	Clear		E.L.H.	1
2	73.0	29.280	.142	29.138	30.06	58.0	51.5	46	64	.310	64.9	50.9	N	10			0	3	ci	N	Clear		E.L.H.	2
3	74.0	29.364	.145	29.219	30.14	61.2	53.2	46	59	.310	68.1	51.6	N	2			0	0	0	0	Clear		E.L.H.	3
4	78.5	29.460	.145	29.315	30.24	62.0	54.0	48	60	.334	75.9	56.1	SE	5			0	2	2 cu	SE	Clear		E.L.H.	4
5	78.0	29.306	.156	29.150	30.06	67.0	60.5	56	69	.448	78.8	65.8	S	6			0.06	10	st cu	SW	Cloudy		E.L.H.	5
6	78.0	29.130	.155	28.975	29.88	74.2	69.2	67	78	.661	74.2	69.8	SW	8			0	3 ci 7	2 cu	W SW	Cloudy		E.L.H.	6
7	76.0	29.255	.150	29.105	30.02	68.0	61.0	57	67	.465	82.2	61.2	N	3			0	0	0	0	Clear		E.L.H.	7
8	79.5	29.390	.160	29.230	30.14	68.2	60.0	55	62	.432	81.8	61.9	E	3			0	3	2 cu	E	Clear		E.L.H.	8
9	84.0	29.270	.172	29.098	30.00	75.0	68.0	65	70	.616	85.1	69.8	SW	2			0	4	2 cu	SW	Part Cloudy		E.L.H.	9
10	81.5	29.282	.165	29.117	30.02	73.3	67.3	64	73	.595	86.0	68.4	NE	6			0	7	ci st	N	Part Cloudy		E.L.H.	10
11	83.0	29.150	.168	28.982	29.87	74.0	67.0	64	70	.595	83.0	69.8	N	6			0	4	ci st	N	Part Cloudy		E.L.H.	11
12	85.0	29.240	.174	29.066	29.98	68.4	60.9	56	65	.448	84.6	64.4	E	6			0	2 ci Few cu		N W	Clear		E.L.H.	12
13	86.0	28.967	.175	28.792	29.68	76.0	72.8	72	86	.783	77.8	74.8	SW	9			0.01	8	st cu	W	Cloudy		E.L.H.	13
14	79.0	29.310	.158	29.152	30.07	52.8	49.8	47	82	.322	66.0	51.2	NW	9			0	10	st cu	W	Cloudy		E.L.H.	14
15	75.0	29.430	.149	29.281	30.21	58.0	52.0	47	67	.322	68.0	52.0	NE	2			0	0	0	0	Clear		E.L.H.	15
16	76.0	29.404	.152	29.252	30.18	62.5	54.0	48	58	.334	76.0	53.8	S	6			0	0	0	0	Clear		E.L.H.	16
17	80.0	29.352	.162	29.190	30.10	67.2	57.2	50	54	.360	80.9	59.8	SW	4			0	0	0	0	Clear		E.L.H.	17
18	83.0	29.252	.170	29.082	29.98	71.5	58.5	50	46	.360	85.3	65.3	SW	6			0	1	ci st	W	Clear		E.L.H.	18
19	88.0	29.230	.182	29.048	29.94	78.2	63.7	55	45	.432	90.0	76.2	SW	12			0	4 2 cu 5	st cu	W W	Cloudy		E.L.H.	19
20	90.5	29.243	.189	29.054	29.94	81.0	71.0	66	62	.638	93.8	78.1	SW	7			0	6	cu	W	Part Cloudy		E.L.H.	20
21	92.5	29.112	.194	28.918	29.80	81.0	69.0	63	54	.575	94.0	77.2	SW	11			0	Few ci Few	cu	NE W	Clear		E.L.H.	21
22	90.0	29.160	.188	28.972	29.87	70.0	69.0	69	95	.707	80.0	67.8	SW	6			0.57	4	a. st	NW	Part Cloudy		E.L.H.	22
23	81.5	29.342	.166	29.176	30.10	66.2	61.7	59	78	.499	75.0	58.8	NW	2			0	Few	cu	W	Clear		E.L.H.	23
24	83.0	29.320	.170	29.150	30.06	70.0	61.0	55	60	.432	79.3	62.8	SW	5			0	0	0	0	Clear		E.L.H.	24
25	86.0	29.340	.178	29.162	30.06	73.0	66.0	62	69	.555	85.2	68.3	SW	3			0	0	0	0	Clear		E.L.H.	25
26	89.0	29.260	.186	29.074	29.96	78.3	71.3	68	71	.684	90.8	72.7	SW	8			0	3 1	ci st a cu	W W	Part Cloudy		E.L.H.	26
27	89.0	29.316	.186	29.130	30.04	69.2	68.1	68	97	.684	82.5	69.2	SW	6			0.68	10	st	W	Light Rain		E.L.H.	27
28	87.0	29.080	.179	28.901	29.79	77.1	70.1	67	71	.661	88.0	75.1	SE	8			T	6 2 st 2	st cu	W W	Cloudy		E.L.H.	28
29	85.0	29.314	.175	29.139	30.04	70.0	66.0	64	81	.595	86.8	65.2	NE	7			0	2	2 cu	NW	Part Cloudy		E.L.H.	29
30	79.5	29.395	.161	29.234	30.45	66.4	60.4	56	71	.448	74.0	58.4	SW	6			0	1	ci st	W	Clear		E.L.H.	30
31	78.5	29.390	.159	29.231	30.15	63.0	56.0	51	65	.373	74.9	57.1	NW	6			0	0	0	0	Clear		E.L.H.	31
Sums		(a)	(a)	902358	930447	21485	19321	1799	2118	15460	(a)	(a)	(a)	187	(a)	(a)	1.32	110	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.108	30.015	69.3	62.3	58.0	68.3	.499	(a)	(a)	(c) SW	6.0	(a)	(a)	(a)	3.5	U a. cu. L st. cu.	U W L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUL 1930, 193

Number of Station barometer, 656; sum of corrections, −.026 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	77.0	29.193	.153	29.040	29.96	64.9	54.4	46	50	.310	75.2	67.8	NW	15			0	Few	cu	NW	Clear				1
2	73.0	29.262	.142	29.120	30.04	68.1	56.1	47	47	.322	70.3	58.0	NE	5			0	3	cu	NW	Clear				2
3	77.0	29.351	.153	29.198	30.12	75.9	58.0	44	32	.287	78.8	61.2	N	3			0	1 3	cu cist	NW N	Part Cloudy				3
4	79.0	29.357	.158	29.199	30.12	78.8	61.2	49	35	.347	81.8	62.0	SE	6			0	2 7	cist acu	W W	Cloudy				4
5	78.0	29.224	.154	29.070	29.98	74.0	70.0	68	82	.684	76.0	64.8	SW	8			.10	9	stcu	NW	Cloudy				5
6	83.5	29.074	.169	28.905	29.80	82.2	69.0	63	52	.575	90.2	74.2	NW	12			0	4	cu	NW	Part Cloudy				6
7	82.0	29.294	.166	29.128	30.04	81.8	63.0	51	34	.373	84.6	68.0	N	5			0	Few	cu	N	Clear				7
8	85.0	29.296	.169	29.127	30.04	85.1	65.4	54	33	.417	89.6	68.2	W	4			0	6 2	cist cicu	W W	Cloudy				8
9	86.0	29.187	.176	29.011	29.90	86.0	70.0	62	45	.555	92.1	75.0	NW	11			0	2 Few	ci cu	NW NW	Clear				9
10	86.5	29.151	.178	28.973	29.86	83.0	66.0	56	40	.448	89.1	73.3	SW	4			0	8	cist	W	Cloudy				10
11	87.0	29.161	.179	28.982	29.87	84.6	65.0	53	34	.402	91.8	74.0	NE	9			0	3 1	cist acu	NW NW	Part Cloudy				11
12	87.0	29.012	.178	28.834	29.72	77.3	68.0	64	62	.595	96.1	68.4	S	6			0.01	6 2	cist cu	NW NW	Cloudy				12
13	79.0	29.073	.157	28.916	29.83	66.0	59.8	56	70	.448	84.1	66.0	NW	15			0	9	stcu	NW	Cloudy				13
14	77.0	29.323	.153	29.170	30.09	68.0	57.8	51	54	.373	70.2	52.8	N	7			0	0	0	0	Clear				14
15	77.0	29.351	.154	29.197	30.12	76.0	57.3	42	30	.266	78.6	58.0	NE	4			0	0	0	0	Clear				15
16	81.0	29.311	.165	29.146	30.06	80.9	60.0	44	28	.287	84.9	62.5	SW	4			0	0	0	0	Clear				16
17	85.5	29.251	.177	29.074	29.98	85.3	62.0	45	25	.298	90.6	67.2	S	6			0	3	cist	SW	Clear				17
18	89.5	29.188	.186	29.002	29.89	90.0	66.0	51	27	.373	96.0	71.5	S	8			0	2 1	cist cicu	W W	Clear				18
19	93.0	29.171	.195	28.976	29.87	93.8	70.8	59	32	.499	101.1	78.2	SW	7			0	2	acu	W	Clear			J.S.	19
20	95.0	29.132	.201	28.931	29.81	94.0	70.0	57	29	.465	100.8	81.0	SW	8			0	4	ci	W	Part Cloudy			E.L.H.	20
21	93.0	29.122	.195	28.927	29.82	80.0	67.5	64	59	.595	98.9	71.0	SW	24	35	S	0.10	7 3	cu cumb	W W	Light Rain			E.L.H.	21
22	82.0	29.241	.167	29.074	29.98	75.0	65.0	60	59	.517	84.2	70.0	NW	8			0	1 2	cu cist	NW W	Clear			E.L.H.	22
23	83.0	29.280	.170	29.110	30.02	79.3	64.3	55	44	.432	83.2	66.2	W	3			0	Few	cist	NW	Clear			E.L.H.	23
24	89.0	29.270	.186	29.084	29.98	85.2	68.7	60	44	.517	90.8	70.0	SW	7			0	Few 1	ast cu	W W	Clear			E.L.H.	24
25	91.0	29.280	.191	29.089	29.99	90.8	68.8	57	32	.465	94.4	73.0	SW	3			0	2	cist	SW	Clear			E.L.H.	25
26	89.0	29.206	.185	29.021	29.91	82.5	74.0	70	67	.732	91.0	78.3	SW	4			0	1 2 6	ci acu cu	NW NW NW	Cloudy			E.L.H.	26
27	90.0	29.160	.188	28.972	29.86	88.0	76.0	71	58	.757	90.8	69.2	S	4			0.18	1	ast	SW	Clear			E.L.H.	27
28	90.5	29.145	.189	28.956	29.85	86.8	73.0	67	52	.661	95.0	77.1	NW	12			T	3	cist	W	Clear				28
29	80.0	29.314	.162	29.152	30.06	74.0	60.4	52	45	.387	80.8	70.0	NW	10			0	Few	cu	W	Clear				29
30	79.0	29.351	.159	29.192	30.11	74.9	61.0	52	44	.387	82.1	66.4	NW	10			0	2	cu	NW	Clear			J.S.	30
31	77.5	29.311	.155	29.156	30.08	75.2	61.2	52	44	.387	81.1	63.0	NW	11			0	0	0	0	Clear			J.S.	31
Sums		(a)	(a)	900732	928.76	24874	20117	1722	1389	14161	(a)	(a)	(a)	243	(a)	(a)	0.39	112	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.056	29.960	80.2	64.9	55.5	44.8	.457	(a)	(a)	(c) NW SW	7.8	(a)	(a)	(a)	3.6	U cist L cu	U NW L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUL 1930, 193

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Snow unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p. m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Tuesday 1	75	54	21	~~10~~ 9	64																0	.10	-.10	-.10	0	0	0	0	1
2	70	51	19	4	60																0	.10	-.10	-.20	0	0	0	0	2
3	79	52	27	6	66																0	.11	-.11	-.31	0	0	0	0	3
4	82	56	26	3	69																0	.12	-.12	-.43	0	0	0	0	4
5	76	65	11	1	70				R	DNa	6:05a	R	9:20a	9:30a	R	10:55a	12:50p	R	300p	3:30p	.16	.12	+.04	-.39	0	0	0	0	5
6	90	70	20	10	50																0	.12	-.12	-.51	0	0	0	0	6
7	85	61	24	7	73																0	.13	-.13	-.64	0	0	0	0	7
8	90	62	28	3	76																0	.13	-.13	-.77	0	0	0	0	8
9	92	70	22	5	81																0	.12	-.12	-.89	0	0	0	0	9
10	89	68	21	3	78																0	.12	-.12	-1.01	0	0	0	0	10
11	92	70	22	3	81																0	.13	-.13	-1.14	0	0	0	0	11
12	96	64	32	1	80				R	4:45p	5:30p										.01	.14	-.13	-1.27	0	0	0	0	12
13	84	62	22	7	73				R	DNa	5:55a										.01	.15	-.14	-1.41	0	0	0	0	13
14	70	51	19	13	60																0	.14	-.14	-1.55	0	0	0	0	14
15	79	52	27	6	66																0	.14	-.14	-1.69	0	0	0	0	15
16	85	54	31	4	70																0	.12	-.12	-1.81	0	0	0	0	16
17	91	60	31	6	76																0	.10	-.10	-1.91	0	0	0	0	17
18	96	65	31	4	80																0	.10	-.10	-2.01	0	0	0	0	18
19	101	76	25	8	88																0	.10	-.10	-2.11	0	0	0	0	19
20	101	78	23	2	90																0	.10	-.10	-2.21	0	0	0	0	20
21	99	68	31	6	84				R	4:05p	4:45p	R	6:40p	7:55p	R	9:45p	11:10p				0.58	.10	+.48	-1.73	0	0	0	0	21
22	85	~~68~~ 74	~~71~~ 21	~~8~~ 10	~~76~~ 74				R	D.N.A	D.N.A										.09	.10	-.01	-1.74	0	0	0	0	22
23	83	59	24	~~5~~ 3	71																0	.10	-.10	-1.84	0	0	0	0	23
24	91	63	28	6	77																0	.10	-.10	-1.94	0	0	0	0	24
25	94	68	26	4	81																0	.11	-.11	-2.05	0	0	0	0	25
26	91	73	18	1	82																0	.10	-.10	-2.15	0	0	0	0	26
27	91	69	22	2	80				R	DNa	9:15a										.86	.10	+.76	-1.39	0	0	0	0	27
28	95	72	23	4	84				R	DNa	DNa	R	8:30a	8:35a							T	.11	-.11	-1.50	0	0	0	0	28
29	81	65	16	11	73																0	.12	-.12	-1.62	0	0	0	0	29
30	82	58	24	3	70																0	.13	-.13	-1.75	0	0	0	0	30
31	81	57	24	1	69																0	.14	-.14	-1.89	0	0	0	0	31
S	2696	~~1961~~ 1957	~~735~~ 739	~~157~~ 156	~~2328~~ 2326		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.71	3.60	Total excess or deficiency since Jan. 1,				(a)	(a)	S
M	87.0	~~63.3~~ 63.1	23.8	5.0	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-2.63		(a)	(a)	(a)	(a)	M

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF JUL 1930, 193

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.003)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.108	29.056	29.082	29.315	4	28.760	13	0.555	30.015	29.960	29.988	30.24	4	29.65	13	0.59
Corrected mean		29.079						Corrected mean		29.985					

× From barograph trace

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
69.3	80.2	74.8	62.3	64.9	63.6	87.0	63.~~3~~ 1	75.~~2~~ 0	101	19	51	2	50	32	12	11	5

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
58.0	55.5	56.8	68.3	44.8	56.5	.499	.457	.478	0	14	0	0

Clouds.

Most frequent clouds: Cumulus

Most frequent direction upper clouds: West

Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5455	7.3	SW	35	S	21	7	6	2	3	6	23	3	12	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
3.5	3.6	3.7	77 %	13	16	2	0	5	1

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	12, 21, 27	21	0	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
1.71	0.86	27	—	None	—	—	None	—	1	6	4	2	0	7	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.21, date 21; 10 minutes 0.31, date 21; 15 minutes 0.35, date 21

30 minutes 0.40, date 21; 1 hour 0.45, date 21; 2 hours 0.52, date 27

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
21	9:45 AM	11:10 P	0.45	9:54 P	~~10:14 P~~ 10:12 P	.01	.17	.29	.35											

* The duration is the time precipitation was actually recorded.

8—154

Prepared by E. L. Hardy

E. L. Hardy, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUL 1930, 193

Number of Station barometer, ; sum of corrections, inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
13	00 11 am	am 10	-			28.760	29.65	84.0	Extremes of pressure														Lowest.		13

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of JUL 1930, 193

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											13	3	137	13	82	8			232	24
2	101	11	22	5											66	8			189	24
3	39	12	25	6	36	5							4	1					104	24
4					30	6	90	13	27	4	5	1							152	24
5							4	1	51	9	94	13	11	1					160	24
6											75	10	79	6	66	8			220	24
7	34	9													110	15			144	24
8	23	7	6	1	4	2	4	1	2	1	13	4	30	8					82	24
9			7	3							6	2	76	9	77	9	0	1	166	24
10	9	2	37	5	11	2					42	10	5	1	4	1			108	24
11	68	8	27	6							22	5	4	1	45	4			166	24
12					68	8	18	2	93	11	26	3							205	24
13	42	4							7	1	85	9	39	3	123	7			296	24
14	113	14	26	4	6	1									51	5			196	24
15	4	1	72	12	45	10											0	1	121	24
16					5	2	4	3	25	5	63	12	5	1			0	1	102	24
17									41	8	101	16							142	24
18									85	12	145	12							230	24
19									59	7	177	17							236	24
20											189	22	15	2					204	24
21	8	2							44	4	159	16	21	2					232	24
22											23	4	85	10	101	10			209	24
23	4	1	2	1							18	3	66	12	31	7			121	24
24											99	15	56	9					155	24
25							4	1			106	22	6	1					116	24
26									56	9	82	10	29	3	23	2			190	24
27	4	1					33	5	46	7	74	9	21	2					178	24
28	30	2					28	5	5	1	6	1	17	3	123	12			209	24
29	54	8	13	2											141	14			208	24
30											21	4	105	9	63	11			189	24
31	7	1													186	23			193	24
SUM,	540	83	237	48	205	36	185	31	541	79	1644	223	811	97	1292	144	0	3	5455	44
PERCENTAGE,	10	11	4	7	4	5	3	4	10	11	30	30	15	13	24	19	0	0	a	a
AVG. HOURLY VELOCITY,	6.5	a	4.9	a	5.7	a	6.0	a	6.8	a	7.4	a	8.4	a	9.0	a	0	a	7.3	a

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of AUG 1930, 193

Number of Station barometer, 656; sum of corrections, -.026 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	78.0	29.341	.157	29.184	30.10	62.5	56.0	52	66	.387	75.2	56.8	NW	2			0	0	0	0	Clear		E.H.	1
2	81.0	29.280	.165	29.115	30.03	72.0	61.0	54	53	.417	79.8	67.0	SW	9			0	6	ci st	N	Part Cloudy		E.H.	2
3	83.0	29.316	.170	29.146	30.05	71.6	58.9	50	42	.360	85.9	70.1	S	6			0	Few 1	ci st 2 cu	N SW	Cloudy		E.H.	3
4	85.5	29.240	.176	29.064	29.95	80.9	66.9	60	48	.517	86.4	79.9	SW	11			0	5 3	2 st st cu	SW SW	Cloudy		E.H.	4
5	85.0	29.370	.176	29.194	30.09	76.0	66.5	62	61	.555	85.1	72.9	E	4			0	4 3	ci st 2 cu	W NW	Part Cloudy		E.L.H.	5
6	83.0	29.330	.170	29.160	30.07	71.0	68.0	67	86	.661	75.9	67.0	NE	4			0.41	3 4	2 st st cu	SW S	Part Cloudy		E.L.H.	6
7	84.5	29.220	.173	29.047	29.96	72.2	71.2	71	95	.757	83.1	70.0	W	4			0.17	9	st cu	W	Cloudy		E.H.N.	7
8	84.0	29.170	.172	28.998	29.89	75.2	73.7	73	93	.810	83.0	74.6	SW	4			0	9	st cu	NW	Cloudy		E.H.N.	8
9	85.0	29.245	.175	29.070	29.97	74.2	69.2	67	78	.661	83.8	68.1	W	3			0	6	a st	NW	Part Cloudy		E.H.N.	9
10	81.0	29.350	.165	29.185	30.10	65.0	58.5	54	68	.417	68.2	60.8	NE	4			.08	2	ci st	N	Clear		E.H.N.	10
11	76.0	29.450	.152	29.298	30.23	56.0	51.0	47	71	.322	68.0	52.4	N	4			0	3	ci st	N	Clear		E.H.N.	11
12	72.0	29.550	.142	29.408	30.34	59.1	52.1	46	63	.310	65.0	52.1	N	6			0	0	c	0	Clear		E.H.N.	12
13	73.0	29.468	.144	29.324	30.25	61.2	52.2	44	54	.287	73.3	55.0	E	3			0	7	ci st	N	Pt Cloudy		E.H.N.	13
14	77.0	29.212	.154	29.058	29.97	64.8	59.8	57	75	.465	78.8	63.4	S	4			.02	1	ci st	SW	Clear		E.H.N.	14
15	76.0	29.208	.151	29.057	29.97	63.0	59.0	56	79	.448	75.2	60.3	W	2			0	Few 6	ci ci st	NW NW	Clear		E.H.N.	15
16	80.0	29.208	.162	29.046	29.96	67.2	61.0	57	70	.465	80.8	65.1	S	3			0	4	a st	N	Cloudy		E.H.N.	16
17	77.0	29.216	.159	29.057	29.97	64.1	63.6	63	97	.575	76.0	64.1	NE	8			0.01	10	st cu	SE	Light Rain		E.L.H.	17
18	73.5	29.300	.145	29.155	30.08	60.8	54.8	51	68	.373	66.2	54.6	NE	6			0	2	ci st	NE	Clear		E.L.H.	18
19	72.5	29.330	.142	29.188	30.11	60.8	56.8	54	79	.417	72.3	55.9	NE	4			0	4	ci st	NE	Part Cloudy		E.L.H.	19
20	73.0	29.372	.143	29.229	30.15	59.0	55.5	53	81	.402	72.9	56.0	NE	6			0	8	2 cu	NE	Cloudy		E.L.H.	20
21	72.0	29.350	.141	29.209	30.13	62.0	56.5	53	72	.402	70.8	58.8	NE	11			0	2	2 cu	NE	Clear		E.L.H.	21
22	70.5	29.392	.138	29.254	30.18	61.0	56.5	53	76	.402	61.6	58.0	NE	6			T	3	ci st	NW	Clear		E.L.H.	22
23	72.5	29.354	.142	29.212	30.13	61.0	56.5	53	76	.402	72.9	57.8	N	4			0	Few	ci st	NW	Clear		E.L.H.	23
24	73.0	29.295	.143	29.152	30.07	58.0	56.0	55	89	.432	65.0	57.7	W	2			0	7	ci st	W	Part Cloudy		E.H.	24
25	75.0	29.420	.150	29.270	30.20	63.0	59.0	56	79	.448	70.9	60.4	SW	3			0	6 4	ci st 2 cu	W W	Cloudy		E.L.H.	25
26	76.0	29.400	.152	29.248	30.18	63.2	58.7	56	77	.448	76.8	58.9	W	2			0	8	ci st	W	Cloudy		E.L.H.	26
27	79.0	29.346	.159	29.187	30.11	66.0	60.5	57	73	.465	78.1	62.9	SE	2			0	1	ci st	SE	Clear		E.L.H.	27
28	81.0	29.280	.165	29.115	30.03	69.5	63.5	60	72	.517	81.6	68.8	SW	6			0	9	cu	W	Cloudy		E.L.H.	28
29	80.0	29.298	.162	29.136	30.05	66.8	60.8	57	71	.465	77.2	62.6	NW	2			T	4 5	2 st st cu	W W	Cloudy		P.A.L.	29
30	80.0	29.308	.162	29.146	30.06	64.5	63.0	62	92	.555	77.8	62.3	SE	5			0.18	10 4	st 2 cu	W SW	Light Rain		P.A.L.	30
31	78.0	29.341	.157	29.184	30.09	69.2	66.2	64	86	.595	76.7	67.6	S	7			T	4	st cu	SW	Cloudy		E.H.	31
Sums		(a)	(a)	904.096	932.47	2040.8	1872.9	1764	2295	14.131	(a)	(a)	(a)	147	(a)	(a)	0.87	174	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.164	30.080	65.8	60.4	56.9	74.0	.475	(a)	(a)	(c) NE	4.7	(a)	(a)	(a)	5.6	U ci st L st cu	U N L W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. | L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of AUG 1930, 193

Number of Station barometer, 656; sum of corrections, −.026 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	81.5	29.240	.166	29.074	29.98	79.8	64.8	56	44	.448	83.8	62.5	SW	5			0	7	cist	N	Part Cloudy				1
2	86.0	29.257	.178	29.079	29.98	85.9	65.9	54	34	.417	92.1	72.0	SW	6			0	7	cist	NW	Part Cloudy				2
3	86.5	29.218	.179	29.039	29.93	86.4	69.4	60	42	.517	92.4	71.6	S	9			T	3	acu, cist, stcu	NW, W, NW	Part Cloudy				3
4	88.5	29.308	.184	29.124	30.01	85.1	73.6	69	58	.707	91.6	80.9	W	3			T	5, 3	ci, cst	W, W	Cloudy				4
5	84.5	29.306	.174	29.132	30.04	75.9	70.7	68	77	.684	91.0	73.1	S	3			.05	10	stcu	W	Cloudy				5
6	85.0	29.225	.175	29.050	29.96	83.1	73.1	69	62	.707	87.0	71.0	S	4			0	3, 1	cist, acu	W, W	Part Cloudy			E.J.S.	6
7	85.0	29.178	.175	29.003	29.89	83.0	76.0	73	72	.810	85.8	72.2	W	2			0	4, 2	cist, acu	W, W	Part Cloudy			E.L.H.	7
8	86.0	29.164	.177	28.987	29.88	83.8	73.8	70	63	.732	89.2	75.2	NW	6			T	7, 2	cist, stcu	NW, SW	Cloudy			E.L.H.	8
9	85.0	29.170	.175	28.995	29.91	68.2	67.7	67	97	.661	92.0	67.0	NE	12	43	W	.28	10	ac, ns	W	Light Rain			E.L.H.	9
10	80.0	29.332	.162	29.170	30.09	68.0	56.0	47	47	.322	73.8	65.0	NW	12			0	1	cist	NW	Clear			E.L.H.	10
11	75.0	29.440	.150	29.290	30.22	65.0	54.5	46	50	.310	71.8	56.0	NW	8			0	2	cst	NW	Clear			E.L.H.	11
12	76.0	29.500	.152	29.348	30.28	73.3	57.8	46	38	.310	76.7	59.1	NE	4			0	Few	cist	N	Clear			E.L.H.	12
13	77.0	29.268	.154	29.114	30.02	78.8	66.3	60	52	.517	81.2	61.2	E	4			0 T	10	stcu	SE	~~Cloudy~~			E.L.H.	13
14	74.0	29.132	.159	28.973	29.88	75.2	64.7	59	57	.491	81.8	64.8	SW	6			0	7, 1	cist, cu	NW, NW	Clear			E.L.H.	14
15	81.5	29.163	.166	28.997	29.91	80.8	65.3	56	44	.448	85.6	63.0	NE	6			0	6	cist	N	Part Cloudy			E.L.H.	15
16	81.0	29.180	.164	29.016	29.93	76.0	71.5	70	80	.732	83.2	67.2	W	2			0.01	4, 6	cst, acu	NW, NW	Cloudy			E.L.H.	16
17	77.0	29.231	.154	29.077	30.00	66.2	60.7	57	73	.465	66.8	63.4	NE	4			0.06	10	cst	W	Cloudy			E.L.H.	17
18	75.0	29.239	.149	29.090	30.01	72.3	60.8	53	51	.402	76.4	60.8	N	5			0	1	cu	N	Clear				18
19	75.0	29.288	.149	29.139	30.06	72.9	60.8	53	50	.402	76.2	60.8	NE	4			0	2, 3	cist, cu	N, NE	Part Cloudy				19
20	75.0	29.328	.149	29.179	30.10	70.8	59.2	51	50	.373	75.9	59.0	NE	6			0	5, 4	cist, acu	N, N	Cloudy				20
21	70.5	29.342	.137	29.205	30.12	61.2	60.0	59	93	.499	71.8	60.0	NE	8			0.08	10	stcu	NE	Light Rain				21
22	73.0	29.341	.143	29.198	30.12	72.9	59.9	51	46	.373	77.9	61.0	E	5			0	2, 2	cist, cu	NW, E	Part Cloudy				22
23	74.5	29.245	.147	29.098	30.02	65.0	60.0	57	75	.465	80.4	61.0	W	4			0.01	10	stcu	N	Cloudy				23
24	75.0	29.308	.149	29.159	30.08	70.9	64.2	60	70	.517	81.2	58.0	SW	5			T	7	cist	W	Part Cloudy				24
25	79.0	29.382	.160	29.222	30.14	76.8	65.3	59	54	.499	84.8	63.0	W	4			0	10, 6	cst, cist	W, NW	Cloudy				25
26	80.0	29.303	.162	29.141	30.05	78.1	66.0	59	53	.499	86.8	63.2	SW	3			0	1, 9	cu, cst	NW, SW	Part Cloudy				26
27	82.0	29.263	.167	29.096	30.01	81.6	66.8	59	46	.499	88.2	66.0	S	4			0	1, 4	st, cist	SW, W	Cloudy				27
28	81.0	29.235	.164	29.071	29.98	77.2	67.9	64	62	.595	82.0	69.5	W	5			0	4	stcu	W	Cloudy				28
29	81.0	29.256	.165	29.091	30.00	77.8	66.8	61	57	.536	82.9	66.8	SW	3			T	10	stcu	SW	Cloudy				29
30	79.0	29.257	.159	29.098	30.01	76.7	69.9	67	71	.661	79.1	64.3	E	3			.07	10, 2	stcu, acu	SW, S	Cloudy				30
31	79.0	29.343	.159	29.184	30.10	73.8	70.3	69	84	.707	76.0	68.2	SE	7			T	6	stcu	S	Cloudy				31
Sums		(a)	(a)	902.439	93.071	2342.5	2029.7	1849	1852	16.313	(a)	(a)	(a)	162	(a)	(a)	0.56	218	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.111	30.023	75.6	65.5	59.6	59.7	.526	(a)	(a)	(c) NE	5.2	(a)	(a)	(a)	3.0, 7.0	U cst, L cu	U W, L SW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of AUG 1930, 193

Date.	Temperature. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean (max. and min.). (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. *‡‡	Snow unmelted. 7 p.m. to 7 p.m. *‡‡	Hail, sleet, and snow on ground at 7 p.m. *‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Friday 1	84	57	27	1	70																0	.14	-14	-14	0	0	0	0	1
2	92	67	25	10	80																0	.14	-14	-28	0	0	0	0	2
3	92	70	22	1	81				R	2:10p	2:20p										T	.12	-12	-40	0	0	0	0	3
4	92	78	14	4	85				R	10:10a	10:25a										T	.11	-11	-51	0	0	0	0	4
5	91	70	21	5	80				R	12:33p		R	8:05p								0.30	.10	+20	-31	0	0	0	0	5
6	87	67	20	3	77				R	DNA	DNA										0.16	.10	+.06	-.25	0	0	0	0	6
7	86	70	16	1	78				R	DNA	5:55 am										0.17	.10	+.07	-.18	0	0	0	0	7
8	89	75	14	4	82				R	9:10A	9:20A										T	.10	-.10	-.28	0	0	0	0	8
9	92	66	26	3	79				R	5:45P	7:55P										0.36	.10	+.26	-.02	0	0	0	0	9
10	74	58	16	13	66																0	.11	-.11	-.13	0	0	0	0	10
11	72	52	20	4	62																0	.10	-.10	-.23	0	0	0	0	11
12	77	52	25	2	64																0	.11	-.11	-.34	0	0	0	0	12
13	81	55	26	4	68				R	6:50P	7:10P	R	9:10P	9:50P							.02	.11	-.09	-.43	0	0	0	0	13
14	82	63	19	4	72																0	.10	-.10	-.53	0	0	0	0	14
15	86	60	26	1	73																0	.10	-.10	-.63	0	0	0	0	15
16	83	65	18	1	74				R	12:45p	1:20p										.01	.10	-.09	-.72	0	0	0	0	16
17	71	62	9	5	66				R	DN 2	7:05a	R	11:04a	1:10p							.07	.09	-.02	-.74	0	0	0	0	17
18	76	55	21	0	66																0	.09	-.09	-.83	0	0	0	0	18
19	76	56	20	0	66																0	.10	-.10	-.93	0	0	0	0	19
20	76	56	20	0	66																0	.10	-.10	-1.03	0	0	0	0	20
21	72	59	13	0	66				R	12:55p	2:15p	R	3:10p	7:05p							.08	.10	-.02	-1.05	0	0	0	0	21
22	78	58	20	2	68																.0	.10	-.10	-1.15	0	0	0	0	22
23	80	58	22	1	69				R	3:35p	3:50p	R	4:40p	4:45p							.01	.08	-.07	-1.22	0	0	0	0	23
24	81	58	23	1	70				R	2:00p	2:10p										T	.08	-.08	-1.30	0	0	0	0	24
25	85	60	25	2	72																0	.09	-.09	-1.39	0	0	0	0	25
26	87	59	28	1	73																0	.09	-.09	-1.48	0	0	0	0	26
27	88	63	25	3	76																0	.09	-.09	-1.57	0	0	0	0	27
28	82	69	13	0	76																0	.09	-.09	-1.66	0	0	0	0	28
29	83	63	20	3	73				R	6:30a	6:35a	R	7:10a	7:20a	R	11:00p	cont				T	.10	-.10	-1.76	0	0	0	0	29
30	79	62	17	3	70				R	cont	DN 2	R	6:35a	7:15a	R	8:05a	8:40a	R	11:30p	11:40p	.25	.09	+.16	-1.60	0	0	0	0	30
31	76	68	8	2	72				R	11:40a	11:50a										T	.08	-.08	-1.68	0	0	0	0	31
S	2550	1932	618	87	2240		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.43	3.11	Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	82.3	62.3	19.9	2.8	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-43		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF AUG 1920, 193

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.004)

Station. Mean. 8 a. m.	Station. Mean. 8 p. m.	Station. Mean. Monthly. (g)	Station. Highest. (h)	Station. Date.	Station. Lowest. (h)	Station. Date.	Station. Absolute range.	Reduced. Mean. 8 a. m.	Reduced. Mean. 8 p. m.	Reduced. Mean. Monthly. (g)	Reduced. Highest. (h)	Reduced. Date.	Reduced. Lowest. (h)	Reduced. Date.	Reduced. Absolute range.
29.164	29.111	29.138	29.408	12 5	28.950	9	0.458	30.080	30.023	30.052	30.34	5	29.84	9	0.50
Corrected mean		29.134						Corrected mean		30.048					

TEMPERATURE.

Mean. Dry. 8 a. m.	Mean. Dry. 8 p. m.	Mean. Dry. (8+8)÷2 (g)	Mean. Wet. 8 a. m.	Mean. Wet. 8 p. m.	Mean. Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
65.8	75.6	70.7	60.4	65.5	63.0	82.3	62.3	72.3	92	3	52	12	40	28	26	8	31

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative humidity. 8 a. m.	Relative humidity. 8 p. m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a. m.	Vapor pressure. 8 p. m.	Vapor pressure. Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
56.9	59.6	58.2	74.0	59.7	66.8	.475	.526	.500	0	5	0	0

Clouds.

Most frequent clouds: Cirro Stratus

Most frequent direction upper clouds: Northwest

Most frequent direction lower clouds: West

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4453	6.0	NE	43	W	9	4	15	5	3	8	11	11	5	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.6	7.0	6.5	50	6	10	15	0	3	7

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	5,6,7,9	9	0	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
143	.46	5,6							5	10	7	3	0	15	0	0	0	0

(w) Maximum precipitation in 5 minutes .17, date 9th; 10 minutes .20, date 9th; 15 minutes .21, date 9th

30 minutes .24, date 9th; 1 hour .29, date 9th; 2 hours .35, date 9th

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
				None																

* The duration is the time precipitation was actually recorded.

8—154

Prepared by E. J. Saltsman

E. J. Saltsman, Temp in Charge, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of AUG 1930, 193

Number of Station barometer, 656; sum of corrections, -.026 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
							Extremes			of	Pressure														
12	8:00 am	7:00 am				29.408	30.34	59.1															Highest		12
~~5~~	~~2:00 PM~~	~~1:00 p.m.~~				~~29.440~~	~~30.36~~	~~76.0~~															~~Highest~~		~~5~~
9	6:00 PM	5:00 p.m.				28.950	29.84	68.0															Lowest		9

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of AUG 1930, 193

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1									34	5	37	5	26	8	26	6			123	24
2									64	9	149	15							213	24
3									160	20	39	4							199	24
4									19	2	103	10	63	11	4	1			189	24
5	4	1	19	4	19	4	33	6	18	4	2	1	3	1	17	3			115	24
6	12	2	38	7	21	5	2	1	25	8	4	1							97	24
7									11	3	32	8	45	13					88	24
8	5	1			3	1					44	10	57	6	36	6			145	24
9	8	1							11	2	64	9	38	8	15	4			136	24
10	68	7	11	2									4	1	136	14			219	24
11	4	1											19	3	175	20			198	24
12	47	11	33	6	23	5	8	1							4	1			115	24
13	5	1			36	9	53	9	30	4	3	1							127	24
14			9 ~~14~~	2 ~~3~~	3 ~~6~~	1	9	2	32	8	50 ~~114~~	9 ~~8~~	6	2					109	24
15	12	4	10	2	11	4							34	9	24	5			91	24
16					5	2	22	6	7	3	41	9	27	4					102	24
17			93	17	30	6			4	1									127	24
18	60	10	98	14															158	24
19	22	4	115	20															137	24
20	5	1	155	23															160	24
21	118	13	134	11															252	24
22	33	6	128	14	10	4													171	24
23	95	11	52	6									34	7					181	24
24											45	6	52	12	53	6			150	24
25	15	2	6	1							16	5	27	11	29	5			93	24
26	5	2			11	2	6	1			18	4	33	12	10	2	0	1	83	24
27					7	2	18	8	36	8	28	5	5	1					94	24
28									38	6	49	7	59	9	11	2			157	24
29											72	12	37	9	8	3			117	24
30					25	6	75	11	17	3	12	4							129	24
31							23	4	152	19	3	1							178	24
SUM,	518	78	896 ~~901~~	129 ~~130~~	204 ~~207~~	51	249	49	658	105	811 ~~805~~	126 ~~125~~	569	127	548	78	0	1	4453	744
PERCENTAGE,	12	10	20	17	4	7	6	7	15	14	18	17	13	17	12	11	0	0	a	a
AVG. HOURLY VELOCITY,	6.6	a	6.9	a	4.0	a	5 ~~10~~ 1	a	6.3	a	6.4	a	4.5	a	7.0	a	0	a	6.0	a

2—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of SEP 1930, 193

Number of Station barometer, 656; sum of corrections, -.026 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	79.0	29.417	.160	29.257	30.18	70.5	69.0	68	93	.684	73.8	68.8	E	7			T	10	st cu	SW	Cloudy		CJS	1
2	79.0	29.278	.159	29.119	30.03	68.4	66.4	65	90	.616	78.0	68.4	E	8			.20	10	st cu	NW	Light Rain		P.A.L	2
3	76.0	29.424	.152	29.272	30.20	58.0	53.0	49	72	.347	70.3	52.8	NW	3			0	0	0	0	Clear		P.A.L.	3
4	71.0	29.470	.139	29.331	30.26	55.5	50.5	46	71	.310	66.4	51.8	NE	7			0	0	0	0	Clear		P.A.L.	4
5	72.5	29.223	.142	29.081	30.00	58.8	53.3	49	70	.347	69.4	53.4	S	8			0	3 2	ci cu	SW SW	Part Cloudy		P.A.L.	5
6	75.5	29.227	.150	29.077	30.00	64.5	62.0	60	87	.517	68.8	60.8	SW	3			.01	0	0	0	Clear		P.A.L.	6
7	77.0	29.187	.153	29.034	29.94	63.6	61.2	60	88	.517	77.8	63.5	NE	8			T	10	st cu	W	Cloudy		CJS	7
8	72.5	29.318	.142	29.176	30.10	58.8	53.3	49	70	.347	64.1	57.6	NE	8			T	10	st cu	W	Cloudy		P.A.L.	8
9	70.5	29.407	.138	29.269	30.20	55.5	52.0	50	79	.360	67.2	50.8	NE	3			0	4	ci st	N	Part Cloudy		P.A.L	9
10	71.0	29.370	.138	29.232	30.15	55.2	50.2	46	71	.310	68.9	50.3	NE	6			0	Few	2 st	E	Clear		E.L.H.	10
11	72.0	29.241	.141	29.100	30.02	59.0	55.0	52	78	.387	73.3	55.6	E	2			0	0	0	0	Clear		E.L.H.	11
12	76.0	29.156	.151	29.005	29.90	70.2	69.2	69	95	.707	79.8	67.9	S	4			0	10	2 st	SW	Cloudy		E.L.H.	12
13	79.0	29.100	.158	28.942	29.85	66.2	66.0	66	99	.638	76.9	65.4	SW	4			T	10	Dense Fog	?	Foggy		E.L.H.	13
14	80.0	29.110	.161	28.949	29.85	68.5	67.5	68	95	.684	80.0	67.7	SW	6			0	4 6	2 st st cu	W W	Cloudy		E.L.H.	14
15	80.0	28.998	.161	28.837	29.74	65.5	65.0	64	97	.595	74.0	65.2	SW	8			0.58	10	st cu	SW	Light Rain		E.L.H.	15
16	74.0	29.066	.145	28.921	29.83	59.2	54.7	51	75	.373	66.9	58.9	NW	2			0.02	10	st cu	NW	Cloudy		E.L.H.	16
17	73.0	29.243	.143	29.100	30.02	53.0	49.0	45	75	.298	70.0	51.1	W	6			0	0	0	0	Clear		E.L.H.	17
18	71.0	29.400	.139	29.261	30.19	52.3	47.3	42	69	.266	64.2	49.1	SW	6			0	0	0	0	Clear		E.L.H.	18
19	72.0	29.320	.141	29.179	30.10	59.8	52.8	47	63	.322	72.0	55.9	S	8			0	Few	2 cu	S	Clear		E.L.H.	19
20	73.0	29.283	.143	29.140	30.06	58.8	52.3	47	65	.322	73.0	57.1	N	10			0	9	st cu	NW	Cloudy		E.L.H.	20
21	71.0	29.285	.138	29.147	30.08	50.2	43.7	36	59	.211	61.6	47.5	S	5			0	4	2 cu	SW	Part Cloudy		CJS	21
22	71.0	29.270	.138	29.132	30.05	61.8	59.8	59	89	.499	67.2	60.1	SW	6			0	3 4	2 st st cu	W SW	Part Cloudy		E.L.H.	22
23	74.0	29.400	.147	29.253	30.16	69.0	66.5	65	88	.616	79.1	64.8	S	6			0.84	4	2 cu	W	Part Cloudy		E.L.H.	23
24	77.5	29.352	.155	29.197	30.12	69.1	68.8	68	98	.684	75.2	68.8	SE	9			0.27	10	st	SE	Light Rain		CJS	24
25	77.0	29.183	.153	29.030	29.94	71.2	70.2	70	95	.732	72.9	69.6	SW	3			.15	10	st cu	SW	Cloudy		E.L.H.	25
26	78.0	28.836	.154	28.682	29.57	72.0	70.0	69	91	.707	73.4	67.0	SE	14			T	9	st cu	S	Cloudy		E.L.H.	26
27	73.0	29.132	.143	28.989	29.92	46.0	42.5	39	75	.237	52.2	44.8	SW	9			T	0	0	0	Clear		E.L.H.	27
28	68.0	29.260	.130	29.130	30.06	42.0	39.5	36	81	.211	57.7	40.2	SW	8			0	0	0	0	Clear		E.L.H.	28
29	65.5	29.320	.124	29.196	30.13	46.1	44.0	42	85	.266	55.3	44.8	SW	6			0	7 1	2 cu cu	W W	Cloudy		E.L.H.	29
30	63.5	29.438	.119	29.319	30.28	43.0	41.5	40	88	.247	53.0	40.2	N	2			0	4	2 cu	N	Part Cloudy		E.L.H.	30
31																								31
Sums		(a)	(a)	873.357	900.91	1791.7	1696.2	1617	2451	13357	(a)	(a)	(a)	185	(a)	(a)	2.07	154	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.112	30.030	59.7	56.5	53.9	81.7	.445	(a)	(a)	(c) SW	6.2	(a)	(a)	(a)	5.1	U Ac cu L St. Cu.	UW LSW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of SEP 1930, 193

Number of Station barometer, 656; sum of corrections, -.026 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	80.0	29.328	.162	29.166	30.08	78.0	73.0	71	79	.757	82.7	70.5	S	7			.06	4	st cu	SW	Part Cloudy				1
2	79.0	29.321	.159	29.162	30.08	70.3	67.0	66	84	.638	82.4	68.4	NW	14			.01	10	st cu	NW	Cloudy				2
3	76.5	29.401	.153	29.248	30.18	66.4	54.4	44	45	.287	77.6	58.0	NW	8			0	1	ci st	NW	Clear				3
4	74.0	29.317	.146	29.171	30.09	69.4	57.9	49	49	.347	75.1	55.5	SW	1			0	7	ci st	SW	Part Cloudy				4
5	76.0	29.187	.151	29.036	29.96	68.8	62.9	60	72	.517	82.8	58.8	SW	14			T	10	st cu	SW	Light Rain				5
6	78.0	29.184	.156	29.028	29.94	77.8	67.8	63	60	.525	83.2	64.5	SW	4			0	3 1	ci st cu	SW SW	Part Cloudy				6
7	75.5	29.208	.150	29.058	29.98	64.1	61.8	60	88	.517	65.6	61.5	N	7			0.97	10	st cu	N	Cloudy				7
8	73.0	29.335	.143	29.192	30.11	67.2	56.2	48	50	.334	73.1	58.8	E	5			0	5	ci st	E	Part Cloudy				8
9	72.0	29.328	.141	29.187	30.11	68.9	54.9	43	40	.277	75.2	55.5	E	6			0	2	ci st	NW	Clear				9
10	73.0	29.252	.143	29.109	30.03	73.3	57.8	46	38	.310	78.8	55.2	E	6			0	2	ci st	E	Clear				10
11	75.0	29.135	.149	28.986	29.90	79.8	66.8	60	51	.517	86.0	59.0	SE	3			0	4 3	ci ci cu	SW SW	Part Cloudy				11
12	79.5	29.081	.159	28.922	29.82	76.9	70.9	68	75	.684	85.8	70.2	SE	6			0	1 2	ci st st cu	S S	Clear				12
13	81.5	29.044	.165	28.879	29.78	80.0	69.8	65	60	.616	87.8	66.2	SW	5			0	1 1	ci st cu	SW SW	Clear	B 7:10 E 9.00	B 6:10 E 7:10		13
14	81.0	29.030	.163	28.867	29.78	74.0	67.0	64	70	.595	82.8	66.0	S	2			0.14	10	st	SW	Cloudy				14
15	76.0	29.038	.150	28.888	29.80	66.9	63.1	61	81	.536	74.2	65.5	NW	8			T	10	st cu	W	Cloudy				15
16	74.5	29.022	.146	28.876	29.79	70.0	60.9	55	60	.432	74.9	59.2	SW	8			T	4	st cu	SW	Part Cloudy				16
17	72.5	29.275	.142	29.133	30.05	64.2	51.8	40	42	.247	71.2	53.0	W	5			0	Few	cu	W	Clear				17
18	72.5	29.298	.142	29.156	30.08	72.0	58.0	48	42	.334	78.2	52.3	SW	4			0	1	ci st	SW	Clear				18
19	75.0	29.192	.149	29.043	29.96	73.0	60.0	51	46	.373	80.9	59.8	S	10			0	2	ci	SW	Clear				19
20	73.0	29.238	.143	29.095	30.02	61.6	49.1	37	39	.219	71.2	58.4	NW	5			0	2	st cu	W	Clear				20
21	71.0	29.142	.138	29.004	29.92	67.2	55.2	45	46	.298	74.7	50.2	S	6			0	4	st cu	SW	Part Cloudy				21
22	74.0	29.281	.146	29.135	30.05	79.1	67.1	61	54	.536	83.1	61.8	SW	2			0	6	st cu	SW	Part Cloudy				22
23	77.0	29.354	.154	29.200	30.12	75.2	70.3	68	78	.684	84.9	69.0	SE	7			0	2	cu	S	Clear				23
24	77.0	29.225	.153	29.072	29.98	72.9	70.9	70	91	.732	74.8	69.1	S	9			.06	10	st cu	SW	Cloudy				24
25	79.0	29.077	.158	28.919	29.83	73.4	70.7	69	88	.707	80.0	71.2	S	10			T	6	st cu	SW	Part Cloudy				25
26	75.5	29.001	.149	28.852	29.76	51.2	47.8	44	79	.287	78.1	51.2	SW	22			.14	10	st cu	SW	Cloudy				26
27	70.0	29.112	.135	28.977	29.91	57.7	49.2	42	54	.266	65.8	46.0	NW	4			0	2	cu	W	Clear				27
28	67.0	29.232	.127	29.105	30.03	55.3	46.8	38	52	.228	60.2	42.0	W	6			0	Few	cu	W	Clear				28
29	66.0	29.312	.125	29.187	30.12	53.0	47.5	42	67	.266	62.7	46.1	NW	7			0	1	ci cu	W W	Clear				29
30	68.0	29.463	.131	29.332	30.27	51.8	45.4	39	61	.237	58.0	43.0	N	5			0	1	cu	NW	Clear				30
31																									31
Sums		(a)	(a)	871985	899.53	2059.4	1802.0	1617	1841	13353	(a)	(a)	(a)	206	(a)	(a)	1.38	138	(a)	(a)	(a)	1	1	(a)	(a)
Means		(a)	(a)	29.066	29.984	68.6	60.1	53.9	61.4	.445	(a)	(a)	(c) SW	6.9	(a)	(a)	(a)	4.6	U ci st L st cu	U SW L SW	(a)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of SEP 1930, 193

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character.‡	Beginning.	Ending.	Character‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Character.‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Snow unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p. m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Monday 1	83	69	14	4	76				R	DNe	DNe	R	8:15a	8:30a	R	11:20a	11:30a				.06	.08	-.02	-.02	0	0	0	0	1
2	82	61	21	4	72				R	4:45a	7:30a	R	3:45p	4:00p							.21	.10	+11	+.09	0	0	0	0	2
3	78	53	25	6	66																0	.11	-11	-.12	0	0	0	0	3
4	75	52	23	2	64																0	.11	-11	-.13	0	0	0	0	4
5	83	53	30	4	68				R	6:35p	7:10p										.01	.11	-10	-.23	0	0	0	0	5
6	83	61	22	4	72																0	.11	-11	-.34	0	0	0	0	6
7	68	59	9	8	64				R	6:05a	6:15a	R	7:15a	10:20a	R	1:25p	2:05p	R	2:30p	3:15p	.97	.10	+87	+.53	0	0	0	0	7
8	73	58	15	2	66				R	DNa	DNa										T	.10	-10	+.43	0	0	0	0	8
9	75	51	24	3	63																0	.10	-10	+.33	0	0	0	0	9
10	79	50	29	1	64																0	.10	-10	+.23	0	0	0	0	10
11	86	56	30	7	71																0	.10	-10	+.13	0	0	0	0	11
12	86	68	18	6	77																0	.10	-10	+.03	0	0	0	0	12
13	88	65	23	1	76				R	4:10a	4:30a										T	.10	-10	-.07	0	0	0	0	13
14	83	65	18	2	74				R	8:10a	9:45a	R	7:30p	10:45p							.33	.10	+23	+.16	0	0	0	0	14
15	74	63	11	6	68				R	11:45p	cont	R	10:25a	10:35a	R	2:45p	3:20p	R	9:40p	8:20p	.40	.10	+30	+.46	0	0	0	0	15
16	75	59	16	1	67				R	cont	DNa	R	8:00a	8:10a							.01	.10	-.09	+.37	.0	0	0	0	16
17	71	51	20	6	61																0	.10	-10	+.27	0	0	0	0	17
18	78	49	29	3	64																0	.10	-10	+.17	0	0	0	0	18
19	81	56	25	4	68																0	.10	-10	+.07	0	0	0	0	19
20	71	53	18	6	62																0	.11	-11	-.04	0	0	0	0	20
21	75	48	27	0	62																0	.11	-11	-.15	0	0	0	0	21
22	83	60	23	10	72				R	7:55p	8:10p	R	10:35p	cont							.61	.11	+70	+.53	0	0	0	0	22
23	85	65	20	3	75				R	cont	DNe										.03	.10	-07	+.48	0	0	0	0	23
24	75	69	6	3	72				R	DNe	7:15a	R	10:30a	2:15p	R	10:40p	cont				.43	.10	+33	+.81	0	0	0	0	24
25	80	68	12	2	74				R	cont	DNa	R	9:25a	9:30a	R	3:00p	3:15p				.05	.11	-06	+.75	0	0	0	0	25
26	78	50	28	10	64				R	DNa	DNa	R	10:25a	10:33a	R	7:15p	7:25p				.14	.10	+04	+.79	0	0	0	0	26
27	66	45	21	8	56																0	.10	-10	+.69	0	0	0	0	27
28	60	40	20	6	50																0	.10	-10	+.59	0	0	0	0	28
29	63	45	18	4	54																0	.10	-10	+.49	0	0	0	0	29
30	58	40	18	5	49																0	.10	-10	+.39	0	0	0	0	30
31																													31
S	2295	1682	613	131	1991		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.45	3.06	Total excess or deficiency since Jan. 1,		0	0	(a)	(a)	(a)
M	76.5	56.1	20.4	4.4	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-.392		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF SEP 1930, 193

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.112	29.066	29.089	29.360	30	28.640	26	0.720	30.030	29.984	30.007	30.30	30	29.53	26	0.77
Corrected mean		29.084						Corrected mean		30.002	From barograph trace				

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
59.7	68.6	64.2	56.5	60.1	58.3	76.5	56.1	66.3	88	13	40	28	48	30	11	6	24

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
53.9	53.9	53.9	81.7	61.4	71.6	.445	.445	.445	0	0	0	0

CLOUDS.

Most frequent clouds: Stratus - Cumulus

Most frequent direction upper clouds: Southwest

Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5071	7.0	SW	31	SW	26	4	5	6	5	11	18	3	8	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.1	4.6	5.4	4.9	9	11	10	0	3	9

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
21,28,29,30	0	0	14,22	0	0	6	13	13	0	0	0	0	0	29

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
3.45	0.97	7	0	0	—	0	—	—	2	12	9	5	0	14	0	0	0	0

(w) Maximum precipitation in 5 minutes 0.33, date 22; 10 minutes 0.48, date 22; 15 minutes 0.64, date 22

30 minutes 0.77, date 22; 1 hour 0.79, date 22; 2 hours 0.92, date 7

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
7	7:15 a	10:20 a	0.95	8:52 am	9:07 a	~~0.37~~ 0.40	.09	.29	.43											
22 23	10.35 p cnt	cnt DN a	0.84	10:44 pm	11:03 pm	~~0.01~~ 0.02	.10	.27	.59	.71										

* The duration is the time precipitation was actually recorded.

8—154

Prepared by E. L. H.

E. L. Hardy, Meteorologist, Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of SEP 1930, 193

Number of Station barometer, 656; sum of corrections, -.026 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
										Extremes of pressure															
30	cent. 1:00 PM 15	midnight 12:00 15				29.360	30.30	44.0															Highest		30
26	11 am	10 am				28.640	29.53	78.0															Lowest		26

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of SEP 1930, 193

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	7	2			10	2	5	1	77	13	51	5			1	1			151	24
2					10	1			37	5	86	8	18	2	85	8			236	24
3													63	8	104	16			167	24
4	33	7	24	4	28	5	6	4			7	4							98	24
5							8	3	30	5	106	14	20	2					164	24
6			14	2					4	1	75	18	10	2	3	1			106	24
7	45	8	45	7	50	9													140	24
8	54	7	57	6	62	11													173	24
9			55	10	82	14													137	24
10			39	8	127	16													166	24
11			6	1	39	11	25	7	27	5									97	24
12							25	5	93	16	12	3							130	24
13							3	1	53	10	87	13							143	24
14	8	1					8	1	41	7	103	13	13	2					173	24
15	17	4							44	6	55	8	6	1	33	5			155	24
16			6	2	8	2	4	1	8	1	64	8	33	5	15	5			138	24
17											33	6	175	18					208	24
18									36	6	100	17	6	1					142	24
19									215	22	15	2							230	24
20	36	4							13	2	15	3	15	2	84	13			163	24
21									102	18	60	6							162	24
22			11	1	24	4			15	2	73	16	4	1					127	24
23					26	3	69	10	66	11									161	24
24							43	6	79	9	50	9							172	24
25							14	2	83	9	90	13							187	24
26							84	7	50	3	180	10	89	4					403	24
27											187	16	61	5	18	3			266	24
28											67	12	136	12					203	24
29	14	2									36	9	40	6	52	7			142	24
30	68	13													63	11			131	24
31																				
SUM,	282	48	257	41	466	78	294	48	1073	151	1552	213	689	71	458	70	0	0	5071	720
PERCENTAGE,	5	6	5	6	9	11	6	7	21	21	31	29	14	10	9	10	0	0	a	a
AVG. HOURLY VELOCITY,	5.9	a	6.3	a	6.0	a	6.1	a	7.1	a	7.3	a	9.7	a	6.5	a	0	a	7.0	a

2—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of OCT 1930, 193

Number of Station barometer, 6.56; sum of corrections, -0.26 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	65.0	29.530	.123	29.407	30.36	41.8	39.3	36	81	.211	51.8	39.2	N	6			0	0	0	0	Clear		C.L.H.	1
2	65.0	29.470	.123	29.347	30.29	43.0	40.2	37	79	.219	55.4	42.0	SE	2			0	2	2 cu	SE	Clear		C.L.H.	2
3	67.0	29.480	.128	29.352	30.29	53.5	51.0	48	85	.334	60.4	51.8	E	3			.03	7 2	2 st st cu	E E	Cloudy		C.L.H.	3
4	68.0	29.622	.131	29.491	30.43	50.0	48.5	47	90	.322	58.0	47.8	NE	6			0	2	2 cu	N	Clear		C.L.H.	4
5	67.0	29.559	.128	29.431	30.37	46.0	44.0	42	86	.266	59.3	42.9	NE	4			0	7	ci	NW	Part Cloudy		C.L.H.	5
6	66.0	29.400	.126	29.274	30.21	49.3	46.3	43	80	.277	62.0	48.4	E	3			0	10	2 st	E	Cloudy		C.L.H.	6
7	69.0	29.281	.133	29.148	30.07	57.8	54.3	52	80	.387	64.2	56.8	E	4			.01	6 4	2 st st	SE SE	Light Rain		C.L.H.	7
8	70.0	29.154	.135	29.019	29.94	59.0	58.0	57	94	.465	61.6	56.8	SW	8			1.74	10	st cu	SW	Light Rain		C.L.H.	8
9	70.5	29.300	.137	29.163	30.08	63.3	62.8	62	97	.555	64.1	62.8	S	4			.01	10	2 st	S	Cloudy		C.L.H.	9
10	71.5	29.420	.140	29.280	30.21	57.0	56.8	57	99	.465	69.1	56.4	NE	4			0	10	Dense Fog	3	Foggy		C.L.H.	10
11	71.5	29.560	.140	29.420	30.35	56.0	56.0	56	100	.448	68.2	56.0	E	6			T	10 10	NG Dense Fog	E E	Misting		C.L.H.	11
12	70.5	29.514	.138	29.376	30.31	56.1	55.8	56	99	.448	68.4	54.8	NE	4			0	10 0	Light Fog 0	1 0	Clear		C.L.H.	12
13	71.5	29.413	.140	29.273	30.20	56.6	55.6	55	94	.432	72.0	55.1	E	3			0	0	0	0	Clear		C.L.H.	13
14	70.0	29.250	.136	29.114	30.03	56.0	54.0	53	88	.402	70.1	54.2	NE	3			0	0	0	0	Clear		C.L.H.	14
15	71.0	29.072	.137	28.935	29.85	56.0	54.0	53	88	.402	71.0	53.4	NE	4			0	2	2 cu	NW	Clear		C.L.H.	15
16	70.5	29.080	.136	28.944	29.86	54.3	53.8	53	97	.402	64.1	52.2	SW	4			0	2 4	ci st st cu	S SW	Part Cloudy		C.L.H.	16
17	67.0	29.190	.127	29.063	29.99	42.8	39.8	36	78	.211	70.0	42.8	NW	10			0.10	2 6	2 cu st cu	W NW	Cloudy		C.L.H.	17
18	62.0	29.132	.114	29.018	29.97	29.7	26.7	22	68	.113	40.6	29.5	SW	12			T	0	0	0	Clear		C.L.H.	18
19	62.0	29.092	.114	28.978	29.93	29.5	25.0	16	52	.085	37.0	29.5	W	12			0	Few	a st	NW	Clear		E.L.H.	19
20	56.0	29.400	.099	29.301	30.26	25.0	22.5	17	69	.089	31.4	24.8	SW	6			0	1 3	a st cu	E W	Clear		E.L.H.	20
21	65.0	29.645	.124	29.521	30.48	33.0	31.0	28	80	.150	34.0	29.0	SW	4			0	10	st cu	SW	Cloudy		E.L.H.	21
22	68.0	29.670	.132	29.538	30.50	28.0	26.0	22	77	.113	36.2	27.8	S	3			0	3	a cu	S	Clear		E.L.H.	22
23	65.0	29.340	.122	29.218	30.15	42.5	37.5	30	62	.164	45.2	42.0	S	2			0	10	st cu	SW	Cloudy		E.L.H.	23
24	73.5	29.243	.145	29.098	30.04	37.0	34.8	32	81	.180	42.9	37.0	W	4			0	2	a st	W	Clear		E.L.H.	24
25	67.0	29.392	.128	29.264	30.21	31.0	28.0	23	69	.118	40.0	30.2	N	5			0	3	ci st	N	Clear		E.L.H.	25
26	72.0	29.360	.142	29.218	30.16	33.0	29.0	22	61	.113	41.5	32.1	SE	8			0	7	ci	N	Part Cloudy		E.L.H.	26
27	69.0	28.990	.132	28.858	29.79	52.3	46.3	40	63	.247	52.3	46.0	S	12			T	10	st	S	Cloudy		E.L.H.	27
28	72.0	29.060	.140	28.920	29.85	46.2	45.0	44	91	.287	53.0	46.2	SW	10			.02	2	2 st	NE	Clear		C.L.H.	28
29	70.0	29.220	.135	29.085	30.02	32.8	30.3	27	76	.143	51.0	32.6	SW	6			0	0	2 st	0	Clear		C.L.H.	29
30	67.5	29.140	.129	29.011	29.95	36.0	35.0	34	91	.195	46.2	34.9	W	8			T	1 9	st cu	S SW	Cloudy		C.L.H.	30
31	69.0	29.460	.134	29.326	30.28	32.8	31.8	31	90	.172	39.3	31.8	W	6			0	3 2	a cu cu	NW W	Part Cloudy		E.L.H.	31
Sums		(a)	(a)	905.391	934.43	1387.3	1319.1	1231	2545	8.415	(a)	(a)	(a)	176	(a)	(a)	1.91	150	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.206	30.143	44.8	42.6	39.7	82.1	.271	(a)	(a)	(c) SW	5.7	(a)	(a)	(a)	4.8	U a.st. L st cu	US- LSW	NW. (a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of OCT 1930, 193

Number of Station barometer, 656; sum of corrections, -.026 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 2.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 2.18 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	68.0	29.454	.131	29.323	30.26	55.4	47.0	39	53	.237	59.6	41.8	NE	2			0	Few	cu	NW	Clear				1
2	68.5	29.376	.132	29.244	30.17	60.4	53.4	48	63	.334	63.8	43.0	SE	1			T	10	st	SE	Cloudy				2
3	71.0	29.524	.139	29.385	30.32	58.0	53.5	50	75	.360	65.2	53.5	NE	4			0	3 2	ci st	NE NE	Part Cloudy				3
4	70.0	29.565	.136	29.429	30.37	59.3	53.3	48	68	.334	65.2	50.0	E	3			0	2	cu	E	Clear				4
5	67.5	29.428	.130	29.298	30.24	62.0	50.5	40	44	.247	69.0	46.0	E	4			0	7	ci	NW	Part Cloudy				5
6	69.5	29.339	.134	29.205	30.14	64.2	55.2	48	56	.334	68.9	49.3	E	4			0	10	st	E	Cloudy				6
7	72.0	29.131	.141	28.990	29.91	61.6	57.6	55	79	.432	68.1	57.8	SE	14			.07	10	st	SE	Light Rain				7
8	71.0	29.198	.138	29.060	29.98	63.0	62.9	63	99	.525	63.5	59.0	S	3			T	10	st	S	Misting				8
9	72.0	29.308	.141	29.167	30.09	69.1	63.7	60	75	.517	75.1	63.3	E	4			0	4	stcu	E	Part Cloudy				9
10	72.5	29.453	.143	29.310	30.24	68.2	64.9	63	84	.575	76.0	57.0	NE	4			0	0	0	0	Clear	B 7:30a E 8:20a B DNa E 5:00a B 7:40a E 8:50a	B DNa E 7:30a B 5:00a E 7:40a		10
11	72.0	29.513	.142	29.371	30.30	68.4	64.4	62	81	.555	75.3	56.0	NE	5			T	0	0	0	Clear				11
12	72.0	29.420	.142	29.278	30.21	72.0	63.0	58	61	.482	80.0	56.1	E	3			0	0	0	0	Clear	B DNa E 7:10a B 5:00a E 6:30a		E.L.H.	12
13	72.0	29.297	.141	29.156	30.08	70.1	61.6	56	62	.448	79.2	56.6	E	3			0	0	0	0	Clear				13
14	72.0	29.112	.140	28.972	29.89	71.0	60.9	55	56	.432	79.1	56.0	E	2			0	2	cu	E	Clear				14
15	71.5	29.027	.138	28.889	29.81	64.1	60.6	58	82	.482	72.8	56.0	NW	3			0	4	scu	NW	Part Cloudy				15
16	72.0	28.940	.140	28.800	29.71	70.0	63.3	60	69	.517	76.2	54.3	S	8			0	10	stcu	W	Cloudy				16
17	67.0	29.178	.127	29.051	29.99	40.6	37.0	32	72	.180	49.8	40.6	NW	16			T	10	stcu	NW	Cloudy				17
18	70.0	29.140	.135	29.005	29.96	37.0	32.0	24	58	.124	37.2	29.7	SW	10			0	10	cu	W	Cloudy			E.P.N.	18
19	63.0	29.230	.117	29.113	30.06	31.4	27.0	17	55	.089	36.8	29.5	SW	7			0	0	0	0	Clear			E.P.N.	19
20	67.5	29.550	.130	29.420	30.38	34.0	30.0	24	62	.124	41.2	25.0	NW	6			0	0	0	0	Clear			E.P.N.	20
21	71.0	29.693	.140	29.553	30.51	36.2	32.2	26	65	.136	41.0	33.0	W	3			0	2	cu	NW	Clear			E.P.N.	21
22	67.0	29.480	.128	29.352	30.30	45.2	37.5	27	47	.143	48.2	28.0	S	3			0	6	a.st	SW	Part Cloudy			E.P.N.	22
23	72.0	29.232	.141	29.091	30.03	42.0	37.5	32	66	.180	46.2	42.0	W	6			0	10	ast	NW	Cloudy			E.P.N.	23
24	69.5	29.276	.134	29.142	30.08	40.0	35.0	28	61	.150	47.2	37.0	NW	11			T	9	cu	NW	Cloudy			E.P.N.	24
25	71.5	29.350	.139	29.211	30.15	41.5	34.5	24	48	.124	46.2	31.0	SE	8			0	0	0	0	Clear			E.P.N.	25
26	68.5	29.150	.131	29.019	29.96	51.0	41.0	28	40	.156	59.0	33.0	SE	10			0	Few	ci	N	Clear			E.P.N.	26
27	74.5	28.482	.146	28.336	29.75	53.0	52.5	52	97	.387	55.0	51.1	W	6			0.18	10	st	W	Light Rain			E.L.H.	27
28	70.0	29.079	.135	28.944	29.87	51.0	45.5	40	66	.247	65.1	46.2	W	16			0	4	stcu	NW	Part Cloudy				28
29	68.0	29.201	.130	29.071	30.01	46.2	38.0	26	45	.136	51.8	32.8	W	8			0	8	stcu	NW	Cloudy				29
30	71.0	29.276	.138	29.138	30.08	39.3	37.2	34	83	.195	41.6	36.0	W	5			T	10	stcu	W	Cloudy			E.J.S.	30
31	68.5	29.629	.133	29.496	30.46	34.7	33.7	33	91	.187	41.2	32.8	N	8			.02	7	stcu	W	Part Cloudy			E.P.H.	31
Sums		(a)	(a)	904.319	933.31	1659.9	1486.4	131.0	2063	9.413	(a)	(a)	(a)	190	(a)	(a)	0.27	160	(a)	(a)	(a)	4	2	(a)	(a)
Means		(a)	(a)	29.172	30.107	53.5	47.9	42.3	66.5	.304	(a)	(a)	(c) W	6.1	(a)	(a)	(a)	5.2	U ast L stcu	U NW L NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of OCT 1930, 193

Date.	Temperature. Maximum. (b) °	Minimum. (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Zp.m. to Zp.m. *‡‡ In.	Snow unmelted. Zp.m. to Zp.m. *‡‡ In.	Hail, sleet, and snow on ground at Zp.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Wednesday 1	60	39	21	1	50																0	.10	-10	-10	0	0	0	0	1
2	64	42	22	3	53				R	6:10p	6:38p	R	8:15p	11:25p							.03	.09	-06	-16	0	0	0	0	2
3	65	51	14	5	58				R	12:30a	DNa										T	.08	-08	-24	0	0	0	0	3
4	65	48	17	2	56																0	.07	-07	-31	0	0	0	0	4
5	69	43	26	0	56																0	.08	-08	-39	0	0	0	0	5
6	69	48	21	2	58																0	.08	-08	-47	0	0	0	0	6
7	68	57	11	4	62				R R	6:15p 6:30a	cont 7:50a	R	8:50a	10:30a	R	11:10a	11:15a	R	3:55p	4:00p	.92	.08	+89	+1.42	0	0	0	0	7
8	64	57	7	2	60				R	cont	DNa	R	6:35a	7:10a	R	12:Nom	12:05p	R	6:15p	DNp	.86	.08	+78	+1.20	0	0	0	0	8
9	75	62	13	8	68																0	.09	-09	+1.11	0	0	0	0	9
10	76	56	20	2	66																0	.08	-08	+1.03	0	0	0	0	10
11	75	56	19	0	66				R	5:50a	7:20a										T	.08	-08	+.95	0	0	0	0	11
12	80	55	25	2	68																0	.08	-08	+.87	0	0	0	0	12
13	79	55	24	1	67																0	.07	-07	+.80	0	0	0	0	13
14	79	54	25	1	66																0	.07	-07	+.73	0	0	0	0	14
15	73	55	18	2	64																0	.07	-07	+.66	0	0	0	0	15
16	76	52	24	0	64				R	7:03p	8:00p	R	11:40p	cont							.08	.09	-01	+.65	0	0	0	0	16
17	51	34	17	22	42				R	cont	DNa	Sm	7:03p	7:50p							.02	.09	-07	+.58	0	T	0	T	17
18	37	30	7	8	34																0	.09	-09	+0.49	0	0	0	0	18
19	37	29	8	1	33																0	.09	-09	+0.40	0	0	0	0	19
20	41	25	16	0	33																0	.09	-09	+0.31	0	0	0	0	20
21	41	30	11	3	36																0	.07	-07	+0.24	0	0	0	0	21
22	48	28	20	2	38																0	.07	-07	+.17	0	0	0	0	22
23	46	39	7	4	42																0	.07	-07	+.10	0	0	0	0	23
24	47	33	14	2	40				Sd	8:45a	8:47a	R	1:30p	1:32p							T	.08	-08	+.02	0	T	0	T	24
25	46	30	16	2	38																0	.09	-09	-.07	0	0	0	0	25
26	59	32	27	8	46																0	.09	-09	-.16	0	0	0	0	26
27	55	48	7	6	52				R	6:30a	6:40a	R	10:55a	11:25a	R	11:50a	12:14p	R	5:50p	7:30p	.20	.10	+.10	-.06	0	0	0	0	27
28	65	41	24	1	53																0	.10	-10	-.16	0	0	0	0	28
29	52	33	19	11	42																0	.10	-10	-.26	0	0	0	0	29
30	42	35	7	4	38				R	6:10a	6:30a	Sm	6:30a	6:35a	R	9:10a	9:32a				T	.09	-09	-.35	0	T	0	T	30
31	41	30	11	2	36				SM	11:16am	11:30a	SM	1:40p	1:47p	SM	2:15p	2:35p				.02	.09	-07	-.42	0	0.2	0	.02	31
S	1845	1327	518	111	1585		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.18	2.60	Total excess or deficiency since Jan. 1,		0	0.2	(a)	(a)	(a)
M	59.5	42.8	16.7	3.6	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-4.34		(a)	(a)	(a)	(a)	(a)

+ melted as it fell

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF OCT 1930, 193

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.006)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.206	29.172 ~~29.075~~	29.189 ~~29.140~~	29.560	21	28.74	27	0.820	30.143	30.107	30.125	30.52	21	29.66	27	0.86
Corrected mean		29.183						Corrected mean		30.119					

barograph trace

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
44.8	53.5	49.2	42.6	47.9	45.2	59.5	42.8	51.2	80	12	25	20	55	27	26	7	8

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
39.7	42.3	41.0	82.1	66.5	74.3	.271	.304	.288	0	0	7	0

CLOUDS.

Most frequent clouds: Stratus-cumulus

Most frequent direction upper clouds: Northwest.

Most frequent direction lower clouds: West.

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
4968	6.7	East	26	SW	19	3	10	12	6	7	9	10	5	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
4.8	5.2	5.5	57	9	11	11	0	3	4

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	1	18,	16,	None	0	3,5,26	10,11,12,13	10,11	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.18	1.82	7+8	—	—	—	—	—	—	4	7	4	2	0	11	4	1	0.2	0

(w) Maximum precipitation in 5 minutes 0.08, date 7"; 10 minutes 0.14, date 7"; 15 minutes 0.21, date 7"

30 minutes 0.25, date 7"; 1 hour 0.44, date 8"; 2 hours 0.75, date 8"

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
							None													

* The duration is the time precipitation was actually recorded.

8—154

Prepared by E. L. H.

Earle L. Hardy, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of OCT 1930, 193

Number of Station barometer, 656; sum of corrections, -.026 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
														Extremes of pressure											
21	11 00 am	10 00 am				29.560	30.520	36.0															Highest		21
27	4 00 pm	3 00 pm				28.740	29.660	34.0															Lowest		27

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of OCT 1930, 193

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1	43	9	47	11	15	4													105	24
2					2	1	48	15	31	6	4	1			4	1			89	24
3	11	3	41	7	57	12	9	2											118	24
4			57	9	91	15													148	24
5			28	6	114	18													142	24
6					69	16	29	8											98	24
7					18	7	179	15	27	2									224	24
8									136	19	32	5							168	24
9					31	7	26	6	39	10	2	1							98	24
10			43	9	69	15													112	24
11			45	9	75	15													120	24
12			73	17	31	7													104	24
13	7	3	5	1	53	17	11	3											76	24
14			24	8	36	15	3	1											63	24
15	12	4	16	6									6	1	39	13			73	24
16									120	12	22	4	10	5	47	3			199	24
17											31	3	151	11	141	10			323	24
18											124	10	192	14					316	24
19											77	9	232	15					309	24
20											47	9	81	10	31	5			159	24
21									4	2	18	5	66	14	19	3			107	24
22							3	1	38	11	59	10					0	2	100	24
23							6	2	27	8	17	3	46	9	13	2			109	24
24	12	2											108	15	81	7			201	24
25	22	4	38	7			52	10							15	3			127	24
26							90	12	128	12									218	24
27									152	15	57	7	14	2					223	24
28									9	1	121	13	106	9	13	1			249	24
29	18	4									97	12	70	7	8	1			193	24
30	84	11	10	2	7	1							29	5	53	5			183	24
31											17	3	158	17	39	4			214	24
SUM,	209	40	427	92	668	150	456	75	711	98	725	95	1269	134	505	58	0	2	4968	744
PERCENTAGE,	4	6	9	12	13	20	9	10	14	13	15	13	26	18	10	8	0	0	a	a
AVG. HOURLY VELOCITY,	5.2	a	4.6		4.5	a	6.1	a	7.3	a	7.6	a	9.5	a	8.7	a	0	a	6.7	a

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV 1930, 193

Number of Station barometer, 656; sum of corrections, −0.26 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:40 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	71.0	29.778	.140	29.638	30.61	27.6	25.6	22	77	.113	34.7	26.8	SW	4			0	8	cu	SW	Cloudy		E.L.H.	1
2	69.0	29.481	.134	29.347	30.30	39.2	33.2	24	52	.124	39.2	35.1	S	14			0	10	st cu	SW	Cloudy		E.J.	2
3	67.0	29.462	.128	29.334	30.28	40.0	39.5	39	96	.237	40.8	39.2	SE	2			T	10	st	SE	Cloudy		E.L.H.	3
4	67.0	29.492	.128	29.364	30.31	40.0	39.5	39	96	.237	45.2	38.9	E	4			0	10	st	E	Cloudy		E.L.H.	4
5	69.0	29.292	.133	29.159	30.09	41.8	40.3	39	88	.237	46.0	36.8	NW	12			0	4	st cu	NW	Part Cloudy		E.L.H.	5
6	67.5	29.650	.131	29.519	30.48	27.2	24.2	18	65	.093	34.0	27.0	N	7			0	9	cu	NW	Cloudy		E.L.H.	6
7	70.0	29.880	.138	29.742	30.71	24.0	22.6	19	82	.098	30.4	24.0	SW	3			0	0	0	0	Clear		E.L.H.	7
8	72.0	29.700	.143	29.557	30.52	31.8	26.8	17	50	.089	38.2	30.2	SW	6			0	2	ci st	N	Clear		E.L.H.	8
9	69.0	29.582	.134	29.448	30.40	39.8	35.8	31	68	.172	50.8	39.8	SW	6			0	6	ci st	SW	Part Cloudy		E.L.H.	9
10	68.5	29.600	.132	29.468	30.42	39.6	36.1	32	72	.180	54.0	39.1	SW	6			0	2	a st	SW	Clear		E.L.H.	10
11	71.0	29.582	.139	29.443	30.38	49.0	48.0	47	93	.322	51.8	48.8	SE	6			.06	10	a st	SE	Clear		E.L.H.	11
12	73.0	29.382	.144	29.238	30.17	50.8	50.3	50	97	.360	54.0	50.2	S	4			0	10	Dense Fog st cu	S	Cloudy		E.L.H.	12
13	72.0	29.318	.141	29.177	30.11	48.3	48.0	48	98	.334	52.0	47.1	S	6			0	9	st cu	SW	Cloudy		E.L.H.	13
14	75.0	29.350	.149	29.201	30.13	50.8	49.8	49	94	.347	54.9	50.8	E	6			0	10	st cu	SE	Cloudy		E.L.H.	14
15	75.0	29.170	.149	29.021	29.95	51.8	50.8	50	94	.360	57.1	51.1	E	6			T	10	st	E	Light Rain		E.L.H.	15
16	75.0	28.786	.147	28.639	29.55	59.8	58.0	57	90	.465	59.8	56.0	SE	17			.09	10	st cu	SE	Light Rain		E.J.	16
17	75.0	28.940	.148	28.792	29.70	48.2	44.2	40	73	.247	59.1	47.8	S	3			0	3	ci st	SE	Clear		E.L.H.	17
18	71.0	29.171	.138	29.033	29.96	43.2	40.2	36	78	.211	56.1	42.9	E	7			0	Few	a st	E	Clear		E.L.H.	18
19	72.0	29.434	.142	29.292	30.23	46.8	44.3	42	83	.266	62.4	46.2	E	6			0	0	0	0	Clear		E.L.H.	19
20	70.0	29.390	.136	29.254	30.18	52.5	49.5	46	82	.310	66.0	46.4	SE	6			0	3	ci st	SW	Clear		E.L.H.	20
21	71.5	29.284	.139	29.145	30.06	51.0	47.5	44	78	.287	66.2	51.0	SW	7			0	2	a cu	SE	Clear		E.L.H.	21
22	67.0	29.420	.128	29.292	30.24	32.0	30.0	27	79	.143	42.3	32.0	W	9			0	6	ci st	SW	Part Cloudy		E.L.H.	22
23	69.0	29.140	.133	29.007	29.95	33.8	31.8	29	81	.157	41.8	33.0	SW	6			0	4	ci st	SW	Part Cloudy		E.L.H.	23
24	65.0	28.742	.120	28.620	29.54	39.4	36.2	32	74	.180	48.0	39.0	SW	12			T	10	st cu	SW	Cloudy		E.L.H.	24
25	60.5	28.860	.109	28.751	29.70	21.0	20.0	18	86	.093	31.4	21.0	SW	12			T	10	st	SW	Light Snow		E.L.H.	25
26	63.5	28.808	.117	28.691	29.64	22.0	21.6	20	94	.103	23.0	21.0	W	6			.03	10	st	W	Cloudy		E.L.H.	26
27	63.5	29.230	.118	29.112	30.09	1.0	0.4	−3	81	.032	12.0	1.0	SW	12			0	10	a st	W	Cloudy		E.L.H.	27
28	61.5	29.574	.114	29.460	30.45	1.2	0.8	−2	87	.034	9.0	1.2	SW	7			0	1	a st	NW	Clear		E.L.H.	28
29	62.0	29.500	.115	29.385	30.35	24.8	23.8	22	87	.113	24.8	12.2	S	8			0.10	10	st	SE	Cloudy		E.L.H.	29
30	64.5	29.016	.120	28.896	29.84	43.6	43.3	43	98	.277	44.2	38.9	W	4			1.24	10	st	W	Heavy Rain		E.J.	30
31																								31
Sums		(a)	(a)	876.025	904.34	1122.0	1062.1	975	2473	6.221	(a)	(a)	(a)	214	(a)	(a)	1.52	199	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.201	30.145	37.4	35.4	32.5	82.4	.207	(a)	(a)	(c) SW	7.1	(a)	(a)	(a)	6.6	U ci st L st cu	USW LSW SE	(a)		(a)	(a)

Reference letters in this form refer to paragraph 121, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV 1930, 193

Number of Station barometer, 656; sum of corrections, -0.26 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's Max. (b)	Self-Reg. Ther's Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	72.0	29.643	.143	29.500	30.46	38.6	32.6	24	52	.124	44.8	27.6	S	9			0	4	2cu	SW	Part Cloudy				1
2	66.0	29.383	.126	29.257	30.21	39.2	38.0	37	90	.219	40.8	37.8	S	5			.05	10	st	S	Cloudy				2
3	69.5	29.505	.135	29.370	30.32	45.2	42.7	40	82	.247	46.8	40.0	NE	6			0	10	st	NE	Cloudy	B DN 9am E 10:20am			3
4	70.5	29.333	.137	29.196	30.13	46.0	42.0	37	72	.217	50.9	39.0	NW	4			0	2	cu	NW	Clear	B DN 8 E 9:30am			4
5	73.0	29.491	.144	29.347	30.30	34.0	29.0	20	53	.103	42.2	34.0	NW	20			0	10	stcu	NW	Cloudy				5
6	67.0	29.742	.129	29.613	30.58	30.4	26.9	20	62	.103	34.0	27.2	NW	5			T	3	stcu	NW	Clear				6
7	74.0	29.746	.148	29.598	30.57	38.2	31.8	22	48	.113	44.1	24.0	S	9			0	1	cu	S	Clear				7
8	73.5	29.580	.146	29.434	30.38	50.8	40.2	26	36	.136	59.8	31.8	S	11			0	3	ci	SW	Clear				8
9	66.5	29.532	.127	29.405	30.36	54.0	43.0	29	38	.157	62.2	39.8	SW	9			0	0	0	0	Clear			E.L.H.	9
10	71.0	29.607	.139	29.468	30.42	51.8	50.8	50	94	.360	59.8	39.6	S	6			.01	10	st	S	Light Rain				10
11	73.0	29.484	.144	29.340	30.28	54.0	51.4	49	84	.347	56.4	49.0	SE	7			T	10	st	SE	Cloudy				11
12	72.0	29.274	.141	29.133	30.06	52.0	51.6	51	98	.373	57.5	50.8	S	5			0	4	stcu	S	Part Cloudy	B DN 2m E 6:30am B 7:40am E 7:40am B 8:30am E DN 8	B 6:30am E 7:40am B 8:30am E DN 8		12
13	73.0	29.322	.143	29.179	30.11	54.4	50.0	47	74	.322	58.6	48.3	S	7			0	8	stcu	S	Cloudy				13
14	76.0	29.253	.151	29.102	30.03	57.1	53.9	52	82	.387	60.8	50.8	E	8			0	4	st	E	Part Cloudy				14
15	74.0	29.034	.145	28.889	29.81	58.4	57.6	57	95	.465	61.1	51.8	SE	8			.02	10	st	SE	Cloudy				15
16	73.0	28.845	.141	28.704	29.61	59.1	49.1	39	48	.237	69.9	59.1	SW	11			T	5	stcu	SW	Part Cloudy				16
17	72.0	29.016	.140	28.876	29.81	56.1	47.1	38	50	.228	62.3	48.2	S	3			0	3	ci	SW	Clear				17
18	71.0	29.276	.138	29.138	30.07	62.4	54.7	49	61	.347	71.6	43.2	E	8			0	0	0	0	Clear				18
19	73.5	29.422	.146	29.276	30.22	66.0	57.0	51	58	.373	74.9	46.8	E	6			0	3	cicu	W	Clear				19
20	70.0	29.251	.136	29.115	30.04	65.1	60.1	57	75	.465	69.9	52.5	SE	16			0	8	cu	S	Cloudy				20
21	68.5	29.403	.132	29.271	30.21	42.3	38.3	33	70	.187	52.0	42.3	SW	7			0	1	cu	SW	Clear				21
22	75.5	29.306	.150	29.156	30.10	41.8	36.3	29	59	.157	45.8	32.0	SW	12			0	0	0	0	Clear			E.L.H.	22
23	70.5	28.892	.136	28.756	29.69	48.0	39.5	28	45	.150	52.2	33.8	S	15			0	0	0	0	Clear			E.L.H.	23
24	71.5	28.796	.137	28.659	29.60	31.4	31.1	31	97	.172	39.4	31.4	NW	20			.08	10	stcu	NW	Light Snow				24
25	71.5	28.683	.137	28.546	29.49	23.0	22.7	22	96	.113	24.0	19.8	S	5			.06	10	st	S	Light Snow				25
26	73.0	29.103	.142	28.961	29.93	12.0	11.1	8	82	.057	24.6	12.0	W	20			.06	9	stcu	W	Cloudy				26
27	61.5	29.329	.113	29.216	30.21	9.0	8.0	4	78	.047	11.7	1.0	SW	11			0	4	cist	SW	Part Cloudy				27
28	71.0	29.703	.140	29.563	30.56	13.3	12.1	8	77	.057	18.0	0.8	SE	5			0	7	2cu	SW	Part Cloudy				28
29	69.0	29.351	.133	29.218	30.16	41.3	36.3	29	62	.157	41.3	24.8	S	9			.01	10	st	S	Cloudy				29
30	63.0	29.159	.117	29.042	29.98	33.1	32.0	31	89	.172	43.6	33.1	W	10			.33	9	stcu	NW	Cloudy				30
31																									31
Sums		(a)	(a)	875.328	903.70	1308.0	1176.9	1018	2107	6592	(a)	(a)	(a)	277	(a)	(a)	0.62	168	(a)	(a)	(a)	3	1	(a)	(a)
Means		(a)	(a)	29.178	30.123	43.6	39.2	33.9	70.2	220	(a)	(a)	(c) S	9.2	(a)	(a)	(a)	5.6	U: 4cu 1st L: 2cu 4st	U: SW L: S	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV 1930, 193

Date.	Temperature. Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Precipitation. Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. Zp.m. to Zp.m. *‡‡ In.	Snow unmelted. Zp.m. to Zp.m. *‡‡ In.	Hail, sleet, and snow on ground at Zp.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Saturday 1	45	27	18	0	36																0	.08	-.08	-.08	0	0	0	0	1
2	41	36	5	2	38				Sl	8:26a	8:36a	R	8:36a	11:50a	Sl	11:50a	12:05p	R	12:05p	4:45p	.05	.08	-.03	-.11	T	0	0	0	2
3	47	39	8	5	43				R	DNa	DNa										T	.09	-.09	-.20	0	0	0	0	3
4	51	39	12	2	45																0	.09	-.09	-.29	0	0	0	0	4
5	42	30	12	9	36																0	.10	-.10	-.39	0	0	0	0	5
6	34	27	7	6	30				S^D	9:55a	10:05a										T	.10	-.10	-.49	0	T	0	T	6
7	44	24	20	4	34																0	.10	-.10	-.59	0	0	0	0	7
8	60	30	30	11	45																0	.10	-.10	-.69	0	0	0	0	8
9	62	40	22	6	51																0	.10	-.10	-.79	0	0	0	0	9
10	60	39	21	1	50				R	6:00p	11:15p										.07	.10	-.03	-.82	0	0	0	0	10
11	56	49	7	2	52				R	10:35a	11:20a										T	.10	-.10	-.92	0	0	0	0	11
12	58	49	9	2	54																0	.09	-.09	-1.01	0	0	0	0	12
13	59	47	12	1	53																0	.10	-.10	-1.11	0	0	0	0	13
14	61	51	10	3	56																0	.09	-.09	-1.20	0	0	0	0	14
15	61	51	10	0	56				R	6:20a	7:10a	R	9:30a	9:50a	R	10:50a	11:30a	R	3:45p	5:45p	.02	.10	-.08	-1.28	0	0	0	0	15
16	70	53	17	6	62				R	DNa	6:00a	R	6:35a	7:30a							.09	.10	-.01	-1.29	0	0	0	0	16
17	62	48	14	7	55																0	.11	-.11	-1.40	0	0	0	0	17
18	72	43	29	3	58																0	.10	-.10	-1.50	0	0	0	0	18
19	75	46	29	2	60																0	.10	-.10	-1.60	0	0	0	0	19
20	70	46	24	2	58																0	.10	-.10	-1.70	0	0	0	0	20
21	66	37	29	6	52																0	.09	-.09	-1.79	0	0	0	0	21
22	46	32	14	13	39																0	.09	-.09	-1.88	0	0	0	0	22
23	52	33	19	3	42																0	.09	-.09	-1.97	0	0	0	0	23
24	42	27	15	8	34				R	6:35a	6:40a	S^M	8:05a	8:35a	S^M	11:50a	cont				.08	.09	-.01	-1.98	0	0.7	0.2	.08	24
25	27	20	7	10	24				S^M	cont	DNa	S^M	6:15a	cont							.09	.09	0	-1.98	0	0.6	0.7	.09	25
26	25	7	18	8	16				S^M	cont	DNa	S^M	7:40a	6:10p							.06	.09	-.03	-2.01	0	1.2	1.8	.06	26
27	12	1	11	10	6																0	.10	-.10	-2.11	0	0	1.8	0	27
28	18	1	17	4	10																0	.11	-.11	-2.22	0	0	1.7	0	28
29	42	14	27	18	28				S^M	DNa	6:30a	R	7:50a	11:30a ~~3:30p~~	R	7:15p	cont.				.24	.10	+.14	-2.08	0	0.7	T	.10	29
30	44	30	14	9	37				R	cont	3:30p										1.44	.10	+1.34	-.74	0	0	0	0	30
31																													31
S	1503/4	1016	487	163	1260		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.14	2.88	Total excess or deficiency since Jan. 1,		T	3.2	(a)	(a)	(a)
M	50.1	33.9	16.2	5.4	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-5.08		(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF NOV 1930, 193

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.007)

STATION.								REDUCED.							
Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	Mean.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.20	29.178	29.190	x 29.750	7	x 28.510	25	1.240	30.145	30.123	30.134	x 30.72	7	x 29.45	25	1.27
Corrected mean		29.183						Corrected mean		30.127	x From barograph trace.				

TEMPERATURE.

Mean. Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
37.4	43.6	40.5	35.4	39.2	37.3	50.1	33.9	42.0	75	19	1	28	74	30	8	5	2

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative humidity. 8 a. m.	Relative humidity. 8 p. m.	Relative humidity. Monthly. (g)	Vapor pressure. 8 a. m.	Vapor pressure. 8 p. m.	Vapor pressure. Monthly. (g)
32.5	33.9	33.2	82.4	70.2	76.3	.207	.220	.214

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
4	0	13	0

Clouds.
Most frequent clouds. Stratus - Cumulus
Most frequent direction upper clouds. Southwest
Most frequent direction lower clouds. South

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6336	8.8	SW	32	S	16	1	1	8	8	16	15	6	5	0

Number of times wind observed from the—

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.6	5.6	6.3	41	9	7	14	0	2	7

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	0	0	3 4 12	12	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
2.14	1.57 ~~1.68~~	29 30	—	—	—	—	—	—	3	9	8	1	1	12	5	4	3.2	0

(w) Maximum precipitation in 5 minutes 0.03, date 30; 10 minutes 0.05, date 30; 15 minutes 0.07, date 30
30 minutes 0.12, date 30; 1 hour 0.22, date 30; 2 hours 0.39, date 30.

EXCESSIVE.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
										None										

* The duration is the time precipitation was actually recorded.

8—154

Prepared by E. L. H. E. L. Hardy, Erle L. Hardy, Meteorologist, Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV 1930, 193

Number of Station barometer, 656; sum of corrections, -.026 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity.†	Wind. Max. since last observation.	Wind. Direction.	Precipitation.††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
								Extremes of pressure																	
7	9:00 a	8:00 am				29.750	30.72	36															Highest		7
25	10:00 p	9:00 pm				28.510	29.45	23															Lowest		25

8—154 If additional space is required, rule a sheet similar to this, and paste to this margin. †By dial when self-register is out of order. ††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of NOV 1930, 193

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1							6	1	71	8	77	14	5	1					159	24
2							11	1	202	23									213	24
3			34	8	28	8	11	6	4	2									77	24
4	7	2	22	6	32	7									27	9			88	24
5	14	1											24	4	308	19			346	24
6	33	4													156	20			189	24
7									120	14	36	6			6	4			162	24
8									30	3	206	21							236	24
9									32	5	173	19							205	24
10					3	1	48	8	50	12	7	3							108	24
11							93	16	50	8									143	24
12									70	17	36	7							106	24
13							16	3	99	16	36	5							151	24
14					119	18	30	6											149	24
15					66	9	133	15											199	24
16					10	1	135	10	100	5	88	8							333	24
17							58	12	20	5	82	7							160	24
18			4	1	140	19	31	4											175	24
19			12	2	89	15	49	7											150	24
20					32	5	183	15	58	4									273	24
21									27	2	257	21	10	1					294	24
22											291	23	10	1					301	24
23									56	4	249	20							305	24
24											192	16	133	8					325	24
25			21	4					10	3	118	11	91	6					240	24
26	7	2									46	5	214	16	3	1			270	24
27											266	24							266	24
28							52	6	19	3	121	15							192	24
29							94	9	187	15									286	24
30	8	2	4	1					40	3	47	6	38	4	98	8			235	24
31																				
SUM,	69	11	97	22	519	83	955	119	1245	152	2328	231	525	41	598	61	0	0	6336	720
PERCENTAGE,	1	[illegible]	2	3	8	12	15	16	20	21	37	32	8	6	9	8	0	0	a	a
AVG. HOURLY VELOCITY,	6.3	a	4.4	a	6.3	a	8.0	a	8.2	a	10.1	a	12.8	a	9.8	a	0	a	8.8	c

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of DEC 1930, 193

Number of Station barometer, 656; sum of corrections, -.026 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7:19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	66.0	29.194	.125	29.069	30.02	24.0	23.0	21	87	.108	33.3	24.0	NW	15			.02	10	st	NW	Light Snow		E.L.H.	1
2	63.5	29.620	.119	29.501	30.48	8.4	7.8	5	86	.049	11.8	8.3	S	6			0	2 4	2 cu 2 st	NW SE	Part Cloudy		E.L.H.	2
3	64.0	29.488	.120	29.368	30.33	29.2	26.2	20	67	.103	29.2	26.1	SW	4			0	2	2 st	SW	Clear		E.L.H.	3
4	65.5	29.635	.125	29.510	30.47	32.0	31.5	31	95	.172	35.8	31.2	E	10			T	10	2 st	NE	Cloudy		E.L.H.	4
5	68.0	29.360	.130	29.230	30.17	36.7	35.2	33	87	.187	40.2	36.4	E	8			T	10	st	E	Cloudy		E.L.H.	5
6	69.0	29.150	.133	29.017	29.96	39.2	38.7	38	96	.228	39.8	38.8	NE	4			.31	10 10 10	Dense Fog st	3 NE	Cloudy		E.L.H.	6
7	68.0	29.180	.130	29.050	29.99	36.1	35.0	34	90	.195	40.3	36.1	W	9			0	10	st cu	NW	Cloudy		E.L.H.	7
8	61.0	29.240	.111	29.129	30.08	32.8	31.3	29	85	.157	32.8	32.0	W	6			T	10	st	NW	Cloudy		E.L.H.	8
9	63.0	29.080	.116	28.964	29.91	32.5	31.5	30	90	.164	32.5	31.2	SW	11			0	2	ci st	SW	Clear		E.L.H.	9
10	64.0	29.080	.119	28.961	29.90	36.0	35.5	35	95	.203	42.8	35.2	SE	6			0	10 10	2 st Light Fog	SE SE	Cloudy		E.L.H.	10
11	68.0	28.980	.129	28.851	29.78	43.8	41.8	40	85	.247	50.2	43.8	SW	12			.03	2 6	ci st st cu	W SW	Cloudy		E.L.H.	11
12	67.0	29.234	.127	29.107	30.05	37.1	35.6	33	87	.187	38.9	35.2	NW	12			T	10	st cu	NW	Cloudy		E.L.H.	12
13	68.0	29.300	.130	29.170	30.11	33.0	31.0	28	80	.150	35.9	33.0	S	4			0	10	2 st	S	Cloudy		E.L.H.	13
14	68.0	29.172	.130	29.042	29.99	31.1	30.6	30	95	.164	33.8	31.1	N	4			.01	10	st	N	Light Snow		E.L.H.	14
15	63.0	29.562	.118	29.444	30.41	18.8	17.0	12	72	.070	31.2	18.8	N	12			T	2	cu	N	Clear		E.L.H.	15
16	68.0	29.869	.132	29.737	30.73	9.6	8.8	6	83	.052	15.8	9.6	NE	4			0	0	0	0	Clear		E.L.H.	16
17	70.0	29.484	.136	29.348	30.33	12.0	10.8	7	76	.054	23.1	12.0	NE	6			0	5	2 st	SW	Part Cloudy		E.L.H.	17
18	68.0	29.290	.130	29.160	30.12	23.8	22.8	21	87	.108	29.1	22.2	S	8			0	10 10	St Fog st	S S	Cloudy		E.L.H.	18
19	72.5	29.101	.141	28.960	29.91	32.0	31.5	31	95	.172	32.8	31.8	S	9			.03	10	st	S	Light Snow		E.L.H.	19
20	74.0	29.183	.146	29.037	29.99	25.4	23.9	21	81	.108	32.0	25.4	SW	12			0	2	st	SW	Clear		E.L.H.	20
21	67.0	29.180	.127	29.053	30.00	22.8	21.3	18	80	.093	33.0	22.8	SW	13			.02	10	st	W	Light Snow		E.L.H.	21
22	63.5	29.300	.119	29.181	30.14	20.8	19.6	17	83	.089	25.2	20.8	S	6			0	10	st	SW	Cloudy		E.L.H.	22
23	66.5	29.150	.126	29.024	29.98	22.6	22.1	21	93	.108	22.6	22.2	SW	4			.01	10	st	W	Cloudy		E.L.H.	23
24	67.0	29.494	.128	29.366	30.34	12.6	11.8	10	85	.063	23.6	12.6	SW	6			0	0	0	0	Clear		E.L.H.	24
25	62.0	29.402	.115	29.287	30.25	25.9	23.9	20	75	.103	25.9	21.8	S	8			0	2	ci	S	Clear		E.L.H.	25
26	63.0	29.280	.117	29.163	30.10	33.8	33.3	33	95	.187	36.0	33.4	NW	4			.03	10	st cu	NW	Cloudy		E.L.H.	26
27	67.0	29.290	.128	29.162	30.11	30.5	28.0	24	74	.124	33.2	30.5	SW	8			0	10	st cu	SW	Cloudy		E.L.H.	27
28	70.0	29.143	.135	29.008	29.96	28.1	27.6	27	94	.143	29.9	27.9	W	2			0	10	st	W	Cloudy		E.L.H.	28
29	63.0	28.900	.116	28.784	29.72	25.0	23.0	19	75	.098	30.8	25.0	SW	15			0	10	st	SW	Cloudy		E.L.H.	29
30	65.0	29.209	.122	29.087	30.05	18.5	17.5	14	84	.077	27.2	18.5	W	11			.05	10	st	W	Cloudy		E.L.H.	30
31	67.0	29.081	.127	28.954	29.91	21.8	20.3	17	79	.089	22.1	16.8	SW	12			0	1	2 st	SW	Clear		E.L.H.	31
Sums		(a)	(a)	903.724	933.29	835.9	797.9	725	2636	4.052	(a)	(a)	(a)	251	(a)	(a)	0.51	230	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.152	30.106	27.0	25.7	23.4	85.0	.131	(a)	(a)	(c) SW	8.1	(a)	(a)	(a)	7.4	U a.St LSt	USW LSW	NW (a)		(a)	(a)

Reference letters in this form refer to paragraph 121. "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ~~Fort Wayne, Ind.~~, for the Month of DEC 1930, 193

Number of Station barometer, 656; sum of corrections, -.026 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7:00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-Reg. Ther's. Max. (b)	Self-Reg. Ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	68.0	29.569	.131	29.438	30.41	11.8	10.9	8	82	.057	24.0	11.8	W	10			.01	3	cu	NW	Clear				1
2	74.5	29.451	.148	29.303	30.28	26.1	22.7	15	59	.081	28.0	8.4	S	11			0	2	2st	S	Clear				2
3	72.0	29.624	.142	29.482	30.44	35.8	32.8	29	73	.157	42.6	29.2	NE	7			0	10	stcu	NE	Cloudy				3
4	73.5	29.513	.146	29.367	30.33	40.2	36.9	33	74	.187	41.2	32.0	E	8			T	10	st	E	Cloudy				4
5	77.5	29.235	.155	29.080	30.02	39.8	38.0	36	86	.211	41.8	36.6	NE	9			.05	10	st	NE	Light Rain				5
6	77.0	29.226	.153	29.073	30.01	40.3	39.2	38	91	.228	41.9	38.6	NW	8			T	10	st	NW	Cloudy	B 8:30 E 10:40	B 6:35 E 8:30		6
7	66.0	29.190	.125	29.065	30.01	32.0	31.5	31	95	.172	36.1	32.0	W	6			T	10	st	NW	Blizzing				7
8	72.0	29.246	.141	29.105	30.05	32.2	31.0	29	88	.157	34.1	32.2	SW	10			T	10	stcu	SW	Cloudy				8
9	72.0	29.083	.140	28.943	29.88	42.8	39.8	36	78	.211	50.2	32.5	SW	6			0	1	st	SW	Clear				9
10	73.0	28.991	.142	28.849	29.78	48.0	43.0	37	67	.219	50.2	36.0	SW	12			0	10	stcu	SW	Cloudy	B 8:N2 E 11:30a			10
11	76.0	29.030	.150	28.880	29.82	38.9	34.1	27	62	.143	51.6	38.9	W	17			0	10	stcu	NW	Cloudy				11
12	75.5	29.407	.151	29.256	30.22	35.9	33.1	29	75	.157	37.8	35.9	W	7			T	10	stcu	NW	Cloudy				12
13	77.0	29.137	.153	28.984	29.93	33.8	32.3	30	86	.164	34.7	33.0	E	8			T	10	stcu	SE	Cloudy				13
14	68.0	29.356	.130	29.226	30.18	31.2	30.7	30	95	.164	35.2	31.1	NE	8			T	10	stcu	NE	Light Snow				14
15	76.0	29.800	.153	29.647	30.64	15.8	14.6	11	79	.066	22.4	~~17.1~~ 15.8	N	11			T	1	cu	N	Clear				15
16	78.0	29.712	.159	29.553	30.53	22.1	19.6	13	65	.074	25.0	9.6	E	6			0	1	st	E	Clear				16
17	73.0	29.337	.143	29.194	30.15	29.1	27.6	25	83	.130	32.0	12.0	E	4			0	2	st	E	Clear	B 9:00p cont			17
18	77.0	29.168	.153	29.015	29.97	31.8	31.3	31	95	.172	33.7	23.8	S	8			.03	10	st	S	Light Snow	cont E 1:30p			18
19	79.0	29.095	.158	28.937	29.89	32.0	30.8	29	88	.157	34.1	32.0	SW	8			.01	10	st	SW	Cloudy				19
20	73.0	29.123	.142	28.981	29.93	33.0	32.0	31	90	.172	38.8	24.0	S	10			T	9 1	st cu	S S	Cloudy				20
21	66.0	29.342	.125	29.217	30.18	25.2	24.2	22	87	.113	27.1	22.8	SW	6			T	10	2st	SW	Cloudy				21
22	73.0	29.246	.143	29.103	30.06	22.1	21.3	20	89	.103	22.8	20.0	S	5			T	10	st	S	Cloudy				22
23	73.5	29.274	.145	29.129	30.09	23.6	22.8	21	89	.108	27.8	22.4	W	9			T	10	stcu	W	Cloudy				23
24	69.0	29.534	.134	29.400	30.37	24.2	21.7	16	68	.085	29.4	11.6	S	12			0	0	0	0	Clear				24
25	65.5	29.282	.124	29.158	30.11	36.0	34.5	32	87	.180	37.8	24.2	S	12			T	10	st	S	Cloudy				25
26	72.0	29.282	.141	29.141	30.09	33.0	30.0	25	71	.130	36.8	33.0	N	10			0	10	stcu	N	Cloudy				26
27	77.0	29.230	.153	29.077	30.03	29.0	27.0	24	78	.124	~~29.0~~ 30.5	25.8	SW	12			0	10	st	SW	Cloudy				27
28	71.0	29.064	.137	28.927	29.88	30.8	29.3	27	84	.143	30.8	28.0	W	7			T	10	st	W	Cloudy				28
29	72.5	28.908	.141	28.767	29.72	27.2	26.5	25	92	.130	28.0	25.0	W	12			T	10	st	W	Light Snow				29
30	78.0	29.307	.157	29.150	30.11	19.0	17.5	14	76	.077	24.0	17.2	SW	7			T	4	stcu	SW	Part Cloudy				30
31	76.0	29.275	.151	29.124	30.08	22.0	21.0	19	86	.098	33.2	21.8	W	15			T	8	stcu	NW	Cloudy				31
Sums		(a)	(a)	903.571	933.19	944.7	887.7	793	2518	4370	(a)	(a)	(a)	281	(a)	(a)	0.10	242	(a)	(a)	(a)	4	1	(a)	(a)
Means		(a)	(a)	29.147	30.103	30.5	28.6	25.6	81.2	.141	(a)	(a)	(c) W	9.1	(a)	(a)	(a)	7.8	U a.st. L st.	U S L SW	-SW -NW (a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

U, upper clouds. L, lower clouds.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of DEC 1930, 193

	TEMPERATURE.								PRECIPITATION.																				
Date.	Maximum. (b) °	Minimum (b) °	Range. (b) °	Change. (b) °	Mean (max. and min.). (b) °	Normal.	Departure.	Total excess or deficiency since 1st of month.	Character. ‡	Beginning.	Ending.	Character ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (mid. to mid.). (b)†† In.	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p. m. to 7 p. m. *‡‡ In.	Snow unmelted. 7 p.m. to 7 p.m. *‡‡ In.	Hail, sleet, and snow on ground at 7 p.m. *‡‡ In.	Amount of precipitation from melted snow (mid. to mid.). In.	Date.
Monday 1	33	11	22	15	22				S^M	5:50a	8:00a	S^M	10:00a	11:00a	S^M	3:05p	4:15p				.03	.09	-.06	-.06	0	0.3	0.3	.03	1
2	28	8	20	4	18																0	.10	-.10	-.16	0	0	T	0	2
3	43	27	16	17	35																0	.09	-.09	-.25	0	0	0	0	3
4	41	31	10	1	36				R	DNa	DNa	R	10:40a	10:45a							T	.09	-.09	-.34	0	0	0	0	4
5	42	36	6	3	39				R	DNa	DNa	R	3:35p	Cont							.29	.09	+.20	-.14	0	0	0	0	5
6	42	38	4	1	40				R	Cont	6:35a	R	7:15a	7:30a							.07	.10	-.03	-.17	0	0	0	0	6
7	38	32	6	5	35				R	2:20p	DNp										T	.09	-.09	-.26	0	0	0	0	7
8	34	32	2	2	33				S^M	9:00a	9:45a	S^M	12:00p	12:20p							T	.09	-.09	-.35	0	T	0	T	8
9	50	31	19	7	40																0	.08	-.08	-.43	0	0	0	0	9
10	50	35	15	2	42				R	7:30p	Cont.										.01	.08	-.07	-.50	0	0	0	0	10
11	52	35	17	2	44				R	Cont	5:10a										.02	.08	-.06	-.56	0	0	0	T	11
12	38	34	4	8	36				R	4:10a	6:15a	R	7:30a	8:40a	R	10:00a	10:30a				T	.08	-.08	-.64	0	T	0	0	12
13	35	33	2	2	34				S^M	11:05a	11:30a	S^D	9:00p	11:30p							T	.08	-.08	-.72	0	T	0	T	13
14	35	29	6	2	32				S^D	DNa	10:00a	S^D	1:30p	11:15p							.01	.08	-.07	-.79	0	0.1	T	.01	14
15	29	12	17	12	20				S^D	7:30a	7:45a										T	.08	-.08	-.87	0	T	0	T	15
16	25	10	15	2	18																0	.08	-.08	-.95	0	0	0	0	16
17	32	12	20	4	22																0	.08	-.08	-1.03	0	0	0	0	17
18	34	22	12	6	28				R	9:20a	12:30p	S^M	5:00p	Cont							.04	.08	-.04	-1.07	0	0.3	0.3	.04	18
19	34	30	4	4	32				S^M	Cont	8:00a	S^M	1:05p	3:30p							.03	.08	-.05	-1.12	0	0.4	0.2	.03	19
20	39	26 24	~~13~~ 15	0	32				S^M	6:00p	6:35p	S^M	9:15p	11:30p							.02	.08	-.06	-1.18	0	T	0.1	.02	20
21	27	23	4	7	25				S^M	6:40a	7:10a										T	.08	-.08	-1.26	0	0.2	0.3	T	21
22	23	20	3	3	22				S^D	9:00a	10:45a	S^M	8:20p	DNp							.01	.08	-.07	-1.33	0	T	0.2	.01	22
23	28	20	8	2	24				S	9 00 a	10:15A	S^D	11 00 a	11 10 a							T	.08	-.08	-1.41	0	0.1	0.3	T	23
24	29	12	17	4	20																0	.08	-.08	-1.49	0	0	T	0	24
? 25	38	23 ~~20~~	15 ~~16~~	10	30				S^D	1 45 p	2 05 p	S^M	7 20 p	8:10p							.03	.08	-.05	-1.54	0	T	T	.03	25
26	37	32	5	4	34																0	.08	-.08	-1.62	0	~~0~~ .03	T	0	26
27	32	26	6	5	29																0	.08	-.08	-1.70	0	0	0	0	27
28	31	28	3	1	30				R	12:55p	1:15p										T	.08	-.08	-1.78	0	0	0	0	28
29	28	24	4	4	26				S^D	12:45p	Cont										.05	.08	-.08	-1.86	0	T	T	.05	29
30	25	17	8	5	21				S^D	Cont	DNa	S^D	7:08A	8:30A	S^D	9:30A	7:45A				T	.08	-.08	-1.89	0	1.0	0.8	T	30
31	33	18	15	5	26				S^D	2:30p	4:00p	S^D	6:25p	Cont'd							T	.08	-.08	-1.97	0	T	0.5	T	31
S	1085	76 5/6	319	149	92.5		Total excess or deficiency since Jan. 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.61	2.58	Total excess or deficiency since Jan. 1,		0	2.7	(a)	(a)	(a)
M	35.0	24.7	10.3	4.8	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-7.05		(a)	(a)	(a)	(a)	(a)

Daily omitted as it fell

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF DEC 1930, 193

The 8 a. m. and 8 p. m. means of pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.006)

STATION. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	REDUCED. Mean. 8 a. m.	8 p. m.	Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.152	29.147	29.150	× 29.750	16	× 28.680	29	1.070	30.106	30.103	30.104	× 30.74	16	× 29.62	29	1.120
Corrected mean		29.144						Corrected mean		30.098	× From barograph trace.				

TEMPERATURE.

Mean. Dry. 8 a. m.	8 p. m.	(8+8)÷2 (g)	Wet. 8 a. m.	8 p. m.	Monthly. (g)	Max.	Min.	Monthly. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
27.0	30.5	28.8	25.7	28.6	27.2	35.0	24.7	29.8	52	11	8	2	44	22	1	2	13

Dew-point. 8 a. m.	8 p. m.	Monthly. (g)	Relative humidity. 8 a. m.	8 p. m.	Monthly. (g)	Vapor pressure. 8 a. m.	8 p. m.	Monthly. (g)	Number of days with—(j) Maximum. 32° or below.	90° or above.	Minimum. 32° or below.	Zero or below.
23.4	25.6	24.5	85.0	81.2	83.1	.131	.141	.136	12	0	25	0

CLOUDS.

Most frequent clouds: Stratus.

Most frequent direction upper clouds: Southwest

Most frequent direction lower clouds: Southwest

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of times wind observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6549	8.8	SW	27	NW	1	4	6	6	1	12	17	12	4	0

WEATHER.

Mean cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of days. Clear.	Partly cloudy.	Cloudy.	Number of days with precipitation (mid. to mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.4	7.8	7.4	26	6	4	21	2	0	10

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (33 miles or over.)	Solar halos.	Lunar halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	—	0	0	6,10,17,18	6	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount	Greatest amount in 24 consecutive hours. Amt.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Amt.	Duration. h. m.	Date. (k)	1 inch per hour. (l) Amt.	Duration. h. m.	Date. (k)	Number of days with—(mid. to mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	.01 or more melted.	Snow. Total depth. (o)	Average depth at end of month.
0.61 ×	0.36	5-6	—	—	—	—	—	—	11	12	4	1	0	23	16	8	2.7	0.5

(w) Maximum precipitation in 5 minutes_____, date_____; 10 minutes_____, date_____; 15 minutes_____, date_____

30 minutes_____, date_____; 1 hour_____, date_____; 2 hours_____, date_____

EXCESSIVE.

× Tipping bucket gage not in use.

Date.	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amt. before excessive began.	Accumulated depths during excessive rate for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
									None											

* The duration is the time precipitation was actually recorded.

8—154

Prepared by E. L. H.

E. L. Hardy, Meteorologist, Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of DEC 1930, 193

Number of Station barometer, 656; sum of corrections, -.026 inch.

Date.	Time. 75th mer.	Time. Local (standard).	Barometer. Attached thermometer	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
										Extremes of pressure															
16	7 00 AM	6 00 am				29.750	30.74	~~16.0~~ 10.0															Highest		16
29	12 00 Noon	1 00 pm				28.680	29.62	27.0															Lowest		29

If additional space is required, rule a sheet similar to this, and paste to this margin.

†By dial when self-register is out of order.

††T indicates trace of precipitation.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of DEC 1930, 193

Wind—Number of Miles and Length of Time From. (Standard of time in local use, 90 meridian.)

DATE.	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.	MILES.	HOURS.
1											31	4	83	9	217	11			331	24
2									198	17	32	6	5	1					235	24
3	13	2	50	7					41	5	47	7	17	3					168	24
4			[illegible]	[illegible]	193	24													193	24
5			60	8	106	16													166	24
6	14	3	39	7									41	5	81	9			175	24
7											17	2	136	16	43	6			196	24
8											115	10	96	12	14	2			225	24
9											220	21	18	3					238	24
10							19	4	81	9	88	10	2	1					190	24
11											201	17	102	7					303	24
12													186	20	48	4			234	24
13			8	2	77	12	13	3	7	2	3	1	14	4					122	24
14	76	15	66	9															142	24
15	249	22	15	2															264	24
16			25	7	64	12	29	5											118	24
17			53	11	54	12	3	1											110	24
18							67	11	105	12	10	1							182	24
19									58	6	157	17	7	1					222	24
20							18	2	57	7	120	14	14	1					209	24
21											134	14	96	10					230	24
22							11	2	103	15	34	6	4	1					152	24
23									42	7	26	4	119	13					187	24
24									119	12	67	12							186	24
25									273	22	19	2							292	24
26	123	12									24	5	6	2	38	5			191	24
27											201	19	15	3	13	2			229	24
28											71	12	62	12					133	24
29											186	14	141	10					327	24
30									56	5	29	4	186	15					271	24
31									12	1	173	13	113	8	30	2			328	24
SUM,	475	54	316	53	444	76	160	28	1152	120	2005	215	1463	157	484	41	0	0	6549	744
PERCENTAGE,	7	7	5	7	8	10	2	4	18	16	31	29	22	21	7	6	0	0	a	c
AVG. HOURLY VELOCITY,	8.8	a	~~5.8~~ 6.0	a	6.5	a	5.7	a	9.6	a	9.3	a	9.3	a	11.8	a	c	a	8.8	a

Form No. 1002—Met'l.

U. S. Department of Agriculture,

WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

1930

STATION

Fort Wayne, Ind.

LOCATION OF OFFICE DECEMBER 31, 1930

Street, Ewing + Berry Streets

Number,

Room,

SUM OF BAROMETER CORRECTIONS.

From 8 a *m.* Jan 1 *to* 8 p *m.* June 27 *inc.,* -.009 *in.*

From 8 p *m.* June 27 *to* 8 p *m.* Dec 31, *inc.,* -.026 *in.*

From ..... *m.* ..... *to* ..... *m.* ....., *inc.,* ..... *in.*

8—272

NOON, LOCAL MEAN TIME, OBSERVATION.

AVERAGES.

Month.	Temperature. Dry. (d)	Temperature. Wet (d)	Dew-Point. (e)	Relative Humidity. (e)	Vapor Pressure. (c)	Clouds. Amount. (d)	Clouds. Most Frequent Kind, Upper.	Clouds. Most Frequent Kind, Lower.	Clouds. Most Frequent Direction of Upper.	Clouds. Most Frequent Direction of Lower.
Jan.,	25.1	23.8	21	84	.126	7.6	2 st	st	W	N
Feb.,	40.7	36.7	32	71	.193	8.0	ci st	st	W	NW
Mar.,	39.8	34.5	27	61	.151	5.6	ci st	cu	W	W
Apr.,	56.1	47.0	37	53	.244	7.0	2 st	st cu	W	W
May,	67.4	56.5	48	52	.344	6.2	ci ci st	cu	W	SW
June,	76.5	62.7	54	48	.433	5.4	ci st	cu	W	SW
July,	82.1	66.5	57	45	.480	3.7	ci	cu	W	NW
Aug.,	79.4	66.0	58	51	.498	6.5	ci st	cu	NW	NE
Sept.,	72.5	60.9	52	52	.426	5.0	ci st	cu	SW	SW
Oct.,	56.6	48.6	41	57	.288	4.9	ci	st cu	W NW	W
Nov.,	46.5	41.4	36	68	.234	6.0	2 st	st or st	SW	S
Dec.,	32.0	29.5	25	75	.139	6.7	2 cu 2 st	st	SW	SW
Sum,	674.7	574.1	488	717	3.556	72.6	—	—	—	—
Mean,	56.2	47.8	40.7	59.8	.296	6.0	ci st	cu	W	SW

(d) To tenths. (e) To whole numbers. (c) To thousandths.

ANNUAL METEOROLOGICAL SUMMARY FOR 1930.—STATION [illegible]

Latitude N. 41° 5′ Longitude W. 55° 10′ Local time 0 h. 41 min. (t) ~~slower~~ than 75th meridian normal time.

MONTH.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea Level, 239 Feet. Mean. 8 a. m. (c) In.	Mean. 8 p. m. (c) In.	Mean. Corrected monthly. (c) In.	Highest observed. (c) In.	Date.	Lowest observed. (c) In.	Date.	Absolute range. (c) In.	CORRECTED MONTHLY SEA-LEVEL PRESSURE. (c) In.	TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 100 Feet. Mean. 8 a. m. (d) °	Mean. 8 p. m. (d) °	From Self-Registering Instruments. Mean. Max. (d) °	Mean. Min. (d) °	Mean. Monthly. (d) °	Highest. (e) °	Date.	Lowest. (e) °	Date.	Range. Absolute. (e) °	Range. Mean daily. (d) °	Mean daily change. (d) °
Jan.,	29.237	29.251	29.239	29.688	10	28.580	14	1.108	30.205	20.0 ~~17.1~~	23.7 ~~22.6~~	29.4	15.1	22.2 (6)	53	6	-15	18	68	14.4	7.8
Feb.,	29.106	29.095	29.095	29.474	15	28.650	12	0.824	30.041	34.0	40.2	45.8	31.4	38.6	69	25	8	16	61	14.4	5.9
Mar.,	28.928	28.925	28.921	29.556	14	28.290	25	1.266	29.865	30.6	38.0	44.1	27.2	35.6	71	16	11	3	60	16.9	6.2
Apr.,	29.126	29.090	29.103	29.460	9	28.600	7	0.860	30.036	44.5	53.4	60.5	40.6	50.6	90	11	27	24	63	19.9	6.2 (6)
May,	29.120	29.077	29.093	29.510	25	28.760	15	0.750	30.015	56.9	65.0	70.9	52.4	61.6	87	10	40	29	47	18.5	4.6
June,	29.077	29.022	29.046	29.363	3	28.761	23	0.602	29.956	64.7	73.8	80.4	59.0	69.7	95	23	46	7	49	21.4	4.6
July,	29.108	29.056	29.079	29.315	4	28.760	13	0.555	29.985	69.3	80.2	87.0	63.1	75.0	101	19	51	2	50	23.8	5.0
Aug.,	29.164	29.111	29.134	29.408	12	28.950	9	0.458	30.048	65.8	75.6	82.3	62.3	72.3	92	3	52	12	40	20.0	2.8
Sept.,	29.112	29.066	29.084	29.360	30	28.640	26	0.720	30.002	59.7	68.6	76.5	56.1	66.3	88	13	40	28	48	20.4	4.4
Oct.,	29.206	29.172	29.183	29.560	21	28.740	27	0.820	30.119	44.8	53.5	59.5	42.8	51.2	80	12	25	20	55	16.7	3.6
Nov.,	29.201	29.178	29.183	29.750	7	28.510	25	1.240	30.127	37.4	43.6	50.1	33.9	42.0	75	19	1	28	74	16.2	5.4
Dec.,	29.152	29.147	29.144	29.750	16	28.680	29	1.070	30.098	27.0	30.5	35.0	24.7	29.8	52	11	8	2	44	10.3	4.8
Sum,	349.537	349.190 ~~352.170~~	349.304	Highest.	Date.	Lowest.	Date.	Absolute range for year.	360.497	554.7 ~~553.4~~	646.1 ~~650.0~~	721.5	508.6	614.9	Max.	Date.	Min.	Date.	Absolute range for year.	212.9	61.3
Mean,	29.128	29.099 ~~29.139~~	29.109	29.750	Nov. 7 Dec. 16	28.290	Mar. 25	1.460 ~~1.266~~	30.041	46.2	53.8	60.1	42.4	51.2	101	July 19	-15	Jan. 18	116	17.7	5.1

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. t Enter the word "faster" or "slower," as the case may be.

8—272

x Changed from 113 ft June 28, 1930

MONTH.	TEMPERATURE. Number of Days. Max. 32° or below.	Max. 90° or above.	Min. 32° or below.	DEW-POINT. Mean. 8 a. m. (e)	8 p. m. (e)	Monthly. (e)	RELATIVE HUMIDITY (Percentage). Mean. 8 a. m. (c)	8 p. m. (e)	Monthly. (e)	VAPOR PRESSURE. Mean. 8 a. m. (c)	8 p. m. (c)	Monthly. (c)	PRECIPITATION. (Amount in inches and hundredths.) Elevation of Top of Gage Above Ground Dec. 31, x 93 Feet. Total Amount.	Greatest Amount in any 24 Consecutive Hours. Amt.	Date.	Excessive. 2.50 inches in 24 hours. (g) (h) Amt.	Duration (h. & m.)	Date.	1 inch per hour. (g) Amt.	Duration (h. & m.)	Date.	SNOWFALL (total depth).
				°	°	°	%	%	%	In.	In.	In.	In.	In.		In.			In.			In.
Jan.,	19	0	27	17	20	18	86	85	86	.111	.119	.115	5.62	1.14	13-14							7.8
Feb.,	4	0	17	28	33	31	80	76	78	.171	.205	.188	1.11	0.36	22-23							0.6
Mar.,	3	0	25	26	27	26	81	65	73	.142	.149	.146	1.60	0.97	17-18							3.6
Apr.,	0	1	7	36	38	37	74	59	66	.228	.245	.236	2.27	0.82	16-17							T
May,	0	0	0	49	48	49	76	58	67	.364	.351	.358	2.99	1.25	23							0
June,	0	3	0	54	55	55	70	54	62	.436	.447	.442	4.06	1.48	17-18				1.10	0:27	17	0
July,	0	14	0	58	56	57	68	45	56	.499	.457	.478	1.71	0.86	27							0
Aug.,	0	5	0	57	60	58	74	60	67	.475	.526	.500	1.43	0.46	5-6							0
Sept.,	0	0	0	54	54	54	82	61	72	.445	.445	.445	3.45	0.97	7							0
Oct.,	0	0	7	40	42	41	82	66	74	.271	.304	.288	2.18	1.82	7-8							0.2
Nov.,	4	0	13	32	34	33	82	70	76	.207	.220	.214	2.14	1.57	29-30							3.2
Dec.,	12	0	25	23	26	24	85	81	83	.131	.141	.136	0.61	0.36	5-6							2.7
Sum,	42	23	121	474	493	483	940	780	860	3.480	3.609	3.546	29.17	a	a	a	a	a	a	a	a	18.3
Mean,	a	a	a	39.5	41.1	40.2	78.3	65.0	71.7	.290	.301	.296	a	1.82	Oct. 7-8	a	a	a	a	a	a	a

g No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. h The duration is the time precipitation was actually recorded.

x Changed from 107 ft. June 28, 1930

Station [illegible]

Month	Mean Cloudiness (0 to 10). 8 a. m. (d)	8 p. m. (d)	Monthly. (d)	Hours of Sunshine. Total.	Possible.	Percentage.	Wind. Elevation of Anemometer Cups Above Ground Dec. 31, x 119 Feet. Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 33 Miles and Over. (h)	Direction. Number of Times Observed Blowing from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Number of Days. Clear.*	Partly Cloudy.*	Cloudy.*	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,	7.4	6.4	7.7	102.6	~~298.2~~ 298.2	34	6601	SW	26	W	3	0	7	7	5	2	11	18	8	4	0	5	6	20	19	14	14	9	0	3	1	0
Feb.,	8.0	7.3	7.5	123.6	298.2	41	6080	SW	29	W	10	0	2	1	5	4	10	18	7	9	0	1	11	16	9	8	9	2	0	0	1	0
Mar.,	5.2	5.2	5.7	217.4	370.8	59	7456	N	26	NW	2	0	5	11	1	3	3	17	15	7	0	13	4	14	9	6	11	7	0	1	0	0
Apr.,	5.9	5.5	6.4	222.1	397.9	56	5748	NW	32	NW	7	0	4	7	7	3	7	13	3	16	0	6	8	16	13	10	1	0	0	1	5	0
May,	5.0	5.7	5.5	302.3	449.0	67	6094	SW	29	SW	2	0	6	6	2	8	12	13	5	10	0	13	5	13	13	11	0	0	0	0	4	0
June,	4.0	5.2	4.9	332.9	452.0	74	5762	S	26	S	27	0	3	2	2	3	16	11	13	9	1	11	13	6	12	10	0	0	1	0	7	0
July,	3.5	3.6	3.7	351.7	458.3	77	5455	SW	35	S	21	1	7	6	2	3	6	23	3	12	0	13	16	2	6	4	0	0	0	0	3	0
Aug.,	5.6	7.0	6.5	215.4	426.9	50	4453	NE	43	W	9	1	4	15	5	3	8	11	11	5	0	6	10	15	10	7	0	0	0	0	4	0
Sept.,	5.1	4.6	5.4	182.2	374.0	49	5071	SW	31	SW	26	0	4	5	6	5	11	18	3	8	0	9	11	10	12	9	0	0	0	1	2	1
Oct.,	4.8	5.2	5.5	195.0	344.1	57	4968	E	26	SW	19	0	3	10	12	6	7	9	10	5	0	9	11	11	7	4	4	1	0	2	1	0
Nov.,	6.6	5.6	6.3	122.7	297.0	41	6336	SW	32	S	16	0	1	1	8	8	16	15	6	5	0	9	7	14	9	8	5	4	0	1	0	0
Dec.,	7.4	7.8	7.4	74.1	282.3	~~27~~ 26	6549	SW	27	NW	1	0	4	6	6	1	12	17	12	4	0	6	4	21	12	4	16	8	0	1	0	0
Sum,	68.5	69.1	72.5	2442.0	~~4455.8~~ 4455	~~632~~ 631	70573	a	a	a	a	2	50	77	61	49	119	183	96	94	1	101	106	158	131	93	60	31	1	10	28	1
Mean,	5.7	5.8	6.0	203.5	371.3	~~52.1~~ 52.6	a	j	j	j	j	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a

h Days with 33 miles per hour and over. j One entry only. * From sunrise to sunset.

8—272

x Changed from 124 ft June 28, 1950

Standard of normal time in local use, 90 meridian.

MONTH.	WIND. Mean Hourly Velocity. 1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,	8.5	8.4	8.5	8.6	8.3	8.2	7.9	8.1	8.8	9.5	9.9	10.0	10.4	10.3	10.0	9.2	9.1	8.5	8.6	8.4	8.3	8.4	8.5	8.5	8.9
Feb.,	7.5	8.0	8.0	7.9	8.7	8.8	9.1	9.7	10.0	10.6	11.2	10.8	11.1	11.6	11.4	10.2	9.1	7.8	7.1	7.6	7.4	7.6	7.9	8.2	9.0
Mar.,	8.9	8.8	9.1	8.9	9.1	8.9	8.7	9.4	10.3	11.3	11.5	11.2	11.5	12.1	11.9	11.6	11.1	9.7	9.0	9.5	9.6	9.6	9.5	9.3	10.0
Apr.,	6.0	6.6	6.4	6.3	6.1	6.3	6.8	7.7	8.6	9.3	9.6	9.7	10.0	10.6	10.8	10.5	10.8	9.0	7.8	7.2	6.9	6.3	6.3	6.0	8.0
May,	6.5	5.8	6.1	~~5.6~~ 5.9	6.2	6.3	7.6	8.4	9.2	10.0	10.7	10.7	11.1	11.3	10.9	10.7	10.2	8.6	7.4	6.5	6.8	6.5	6.5	6.7	8.2
June,	5.8	6.2	6.3	5.7	5.5	5.9	6.8	7.9	9.1	10.4	10.8	10.6	10.9	11.4	11.7	11.1	10.3	9.3	7.2	6.1	6.1	5.6	5.7	5.6	8.0
July,	5.4	5.2	5.3	4.9	5.5	5.6	6.2	7.1	8.0	8.5	8.6	8.5	9.4	10.2	10.6	10.1	10.0	8.8	7.5	6.4	6.2	6.4	6.1	5.4	7.3
Aug.,	4.5	4.5	4.7	4.8	5.2	4.7	4.8	5.8	6.5	7.5	8.3	8.2	8.7	8.1	7.9	7.8	7.3	6.3	5.0	5.0	4.4	4.4	4.6	4.6	6.0
Sept.,	6.3	5.8	5.7	5.3	5.4	5.6	5.7	6.5	7.4	8.0	8.6	8.8	9.4	9.9	9.8	9.4	8.3	6.8	6.4	6.4	6.0	5.5	6.3	5.7	7.0
Oct.,	5.5	5.1	5.5	5.6	5.4	5.1	5.6	6.6	7.4	8.0	8.4	8.2	8.8	8.7	8.6	8.1	7.1	5.9	6.0	6.5	6.2	6.3	6.0	5.5	6.7
Nov.,	7.5	7.6	7.3	7.2	7.2	7.4	7.5	7.8	9.0	9.4	10.2	10.9	11.4	11.0	10.8	10.0	9.1	8.5	8.6	8.7	8.9	8.9	8.4	7.9	8.8
Dec.,	8.1	8.2	7.6	7.4	7.8	7.8	8.3	8.0	8.6	9.4	9.8	9.6	10.3	9.9	9.8	9.7	9.2	9.5	9.1	9.0	9.0	8.4	8.6	8.~~7~~ 2	8.8
Sum,	80.5	80.2	80.5	~~78.7~~ 78.5	80.4	80.6	85.0	93.0	102.9	111.9	117.6	117.2	123.0	125.1	124.2	118.4	111.6	98.7	89.7	87.3	85.8	83.9	84.4	81.~~8~~ 6	96.7
Mean,	6.7	6.7	6.7	6.5	6.7	6.7	7.1	7.8	8.6	9.3	9.8	9.8	10.2	10.4	10.4	9.9	9.3	8.2	7.5	7.3	7.2	7.0	7.0	6.8	8.1

Station *Fort Wayne, Ind.* Standard of normal time in local use, 90 meridian.

MONTH.	MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)																								FOR THE MONTH.
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	
Jan.,																									
Feb.,																									
Mar.,																									
Apr.,																									
May,																									
June,																									
July,																									
Aug.,																									
Sept.,																									
Oct.,																									
Nov.,																									
Dec.,																									
Sum,																									
Mean,																									

Prepared by _____ _____ *Weather Bureau.*

8—272

Standard of normal time in local use, 90 meridian.

MONTH.	WIND—NUMBER OF MILES AND LENGTH OF TIME FROM—																			
	N.		NE.		E.		SE.		S.		SW.		W.		NW.		CALM.		TOTAL.	
	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.	Miles.	Hours.
January,	341	63	662	76	296	55	96	29	1473	134	2301	220	1141	116	291	49	0	2	6601	744
February,	125	18	32	6	228	59	217	37	1526	158	1936	191	1405	131	611	72	0	0	6080	672
March,	536	54	1232	123	164	34	244	34	487	51	1614	163	2421	222	758	63	0	0	7456	744
April,	141	39	687	96	308	62	185	48	687	94	1186	128	745	76	1809	173	0	4	5748	720
May,	459	80	336	62	233	46	378	58	1465	145	1725	172	763	91	735	90	0	0	6094	744
June,	343	49	117	25	58	15	184	33	1664	187	1821	181	932	126	643	104	0	0	5762	720
July,	540	83	237	48	205	36	185	31	541	79	1644	223	811	97	1292	144	0	3	5455	744
August,	518	78	896 ~~901~~	129 ~~130~~	204 ~~207~~	51	249 ~~247~~	49	658	105	811 ~~805~~	126 ~~125~~	569	127	548	78	0	1	4453	744
September,	282	48	257	41	466	78	294	48	1073	151	1552	213	689	71	458	70	0	0	5071	720
October,	209	40	427	92	668	150	456	75	711	98	725	95	1269	134	503	58	0	2	4768	744
November,	69	11	97	22	519	83	955	119	1245	152	2328	231	525	41	598	61	0	0	6336	720
December,	475	54	316	53	494	76	160	28	1152	120	2005	215	1463	157	484	41	0	0	6549	744
Sum,	4038	617	5296 ~~5301~~	773 ~~774~~	3843 ~~3846~~	745	3603 ~~3601~~	589	12682	1474	19648 ~~19642~~	2158 ~~2157~~	12733	1389	8730	1003	0	12	70573	8760
Percentage,	6	7	8	9	5	8	5	7	18	17	28	25	18	16	12	11	0	0	100	100
Average hourly velocity,	6.5	a	6.9	a	5.2	a	6.1	a	8.6	a	9.1	a	9.2	a	8.7	a	0	a	8.1	a

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 1 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	48	48	48	48	48	48	48 RB 8:40	48	49	50
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunrise: Time, 7:06 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	8	8	10	11	13	12	12	13	13	12	14	16

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	52	52	52	48	44	43	43	41	40	39 R Cont
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	26									20		
Sunset: Time, 4:23 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	SW	S	S	S	S	NW	NW	NW	W	NW	NW
Wind movement	15	12	11	15	17	13	14	5	2	7	5	6

Cloudy

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	39	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .26 ins.
Total precipitation, midnight to midnight, .46 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 264
Average hourly velocity, 11.0 Extreme velocity, 20
Maximum velocity, 19 Direction, S
Time began, 4:00 pm
Reduced barometer, 29.78 7 a. m. 29.75 7 p. m.
River gage, 7.5 fal #
Relative humidity, 80 7 a. m. 100 7 p. m.

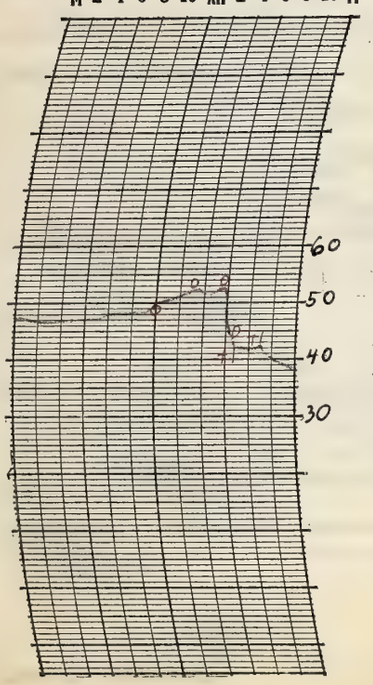
Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

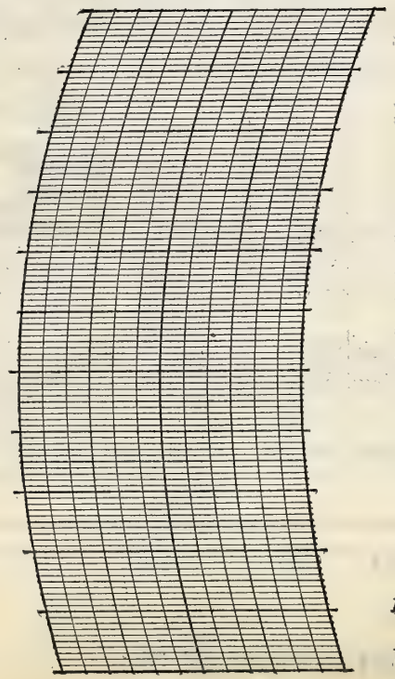
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 50.2 Wet temperature, 49.7
Dew-point, 49 R. humidity, 96 V. pressure, .347
Clouds: Amount, 10; Kind, st; Direction, S
Velocity of clouds (miles per hour)

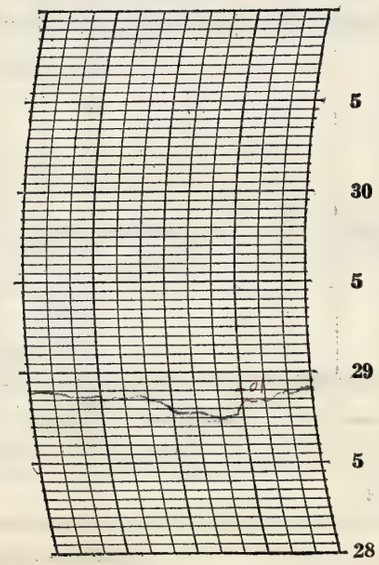
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E.G.H.

8—486

NOTES

River gage read 10.7 feet at 4:00 p.m.
A steady rain began at 8:40 a.m. and continued throughout the day. Streets slippery, visibility poor and general conditions bad from 4:00 p.m. into the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 2 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	37	36	36	35	34	34	34	35	35	35
Nature of precipitation and time of beginning and ending	R cont					RE 5:50 SMB 5:50			SME 8:40	RB 9:00	RE 10:25	RB 11:35 RE 11:45 SNB 11:55 SME 11:40
Amounts of precipitation				.25				X				0
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NW	NW	NW	NW	NW	NW	N	N	N	NE	N	NW
Wind movement	6	7	5	6	5	5	3	3	2	3	4	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	36	36	36	35	35	34	33	33	32
Nature of precipitation and time of beginning and ending												
Amounts of precipitation	6											
Cloudiness and other conditions	Cloudy						X	X	Clear			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	SW	W	SW	SW
Wind movement	6	7	7	5	5	5	3	4	4	4	5	5

State of weather.

Sunrise: Time, 7:06 Character, Cloudy

Moonrise:

Sunset: Time, 4:24 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	32	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .45 ins.; to 7 p. m., .06 ins.

Total precipitation, midnight to midnight, .31 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 0

Prevailing wind direction, NW Total wind, 114

Average hourly velocity, 4.8 Extreme velocity, 9

Maximum velocity, 9 Direction, NW

Time began, 2:05 p.m.

Reduced barometer, 29.97 7 a. m. 30.10 7 p. m.

River gage, 16.7 feet

Relative humidity, 98 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

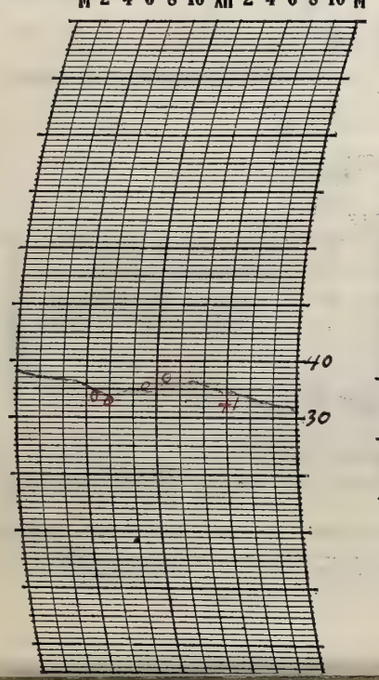
Dry temperature, 35.2 Wet temperature, 34.2

Dew-point, 34 R. humidity, 95 V. pressure, 195

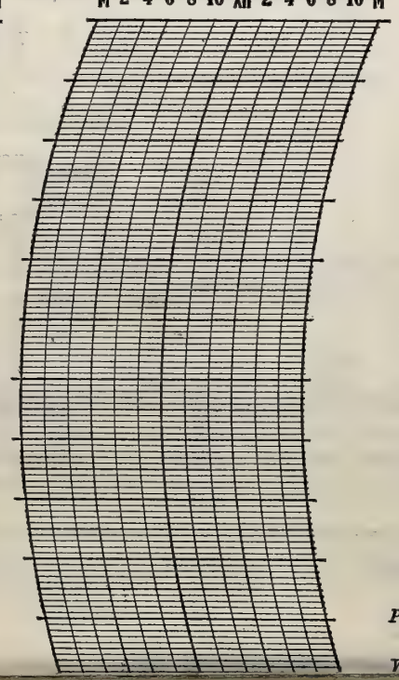
Clouds: Amount, 10; Kind, st; Direction, NW

Velocity of clouds (miles per hour)

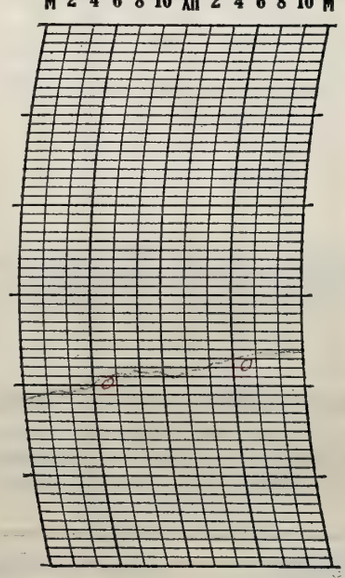
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH

Verified by E.L.H

NOTES

Mixed snow and rain occurred during the day - visibility poor - no flying - streets sloppy and slippery

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 3 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	31	31	31	32 SMB 6:05	32	31	31	31	30 SME 11:30	28	28 SMB 1:00	28	27	27 SME 4:00	26	24	23	22	20	19	19
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation							T							0.2										
Cloudiness and other conditions												Cloudy							X Partly					
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	W	SW	SW	SW	S	S	S	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	3	3	4	4	5	6	8	10	15	19	19	20	21	19	18	17	15	14	10	9	7	7	5	6
Maximum velocities (exceeding 24 miles) direction and time												26 W 11:05												

Sunrise: Time, 7:06 Character, Cloudy

Moonrise: ____ ____

Sunset: Time, 4:25 Character, Cloudy

Moonset: ____ ____

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	19	26	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow, sleet, and hail on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0.2 ins.

Total precipitation, midnight to midnight, 0.2 inches.

Character of day, Cloudy Moon phase, ____

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind, 264

Average hourly velocity, 11.0 Extreme velocity, 27

Maximum velocity, 26 Direction, W

Time began, 11:08 2 m.

Reduced barometer, 30.11 7 a. m. 30.55 7 p. m.

River gage, 18.4 fall

Relative humidity, 95 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

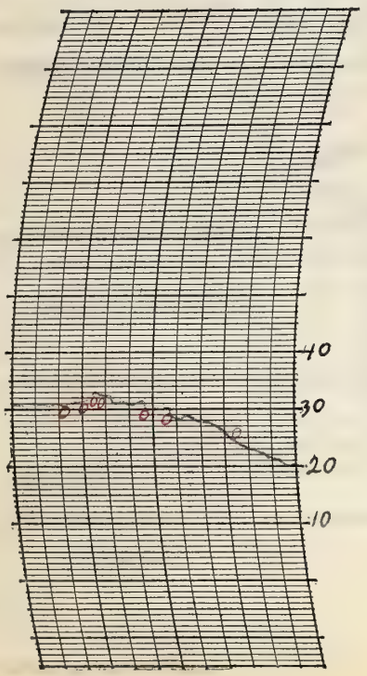
Dry temperature, 29.9 Wet temperature, 29.5

Dew-point, 29 R. humidity, 96 V. pressure, 15.7

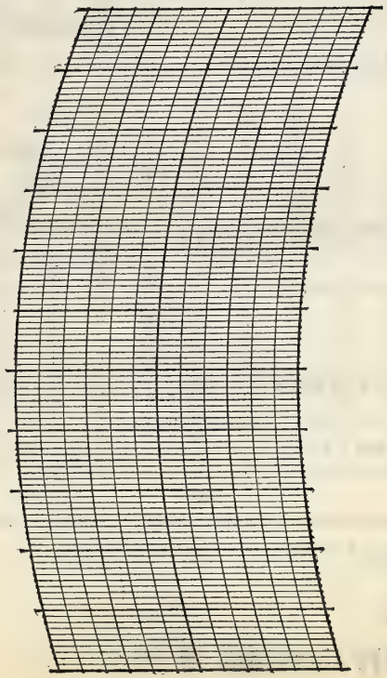
Clouds: Amount, 10; Kind, stratus Direction, NW

Velocity of clouds (miles per hour) ____

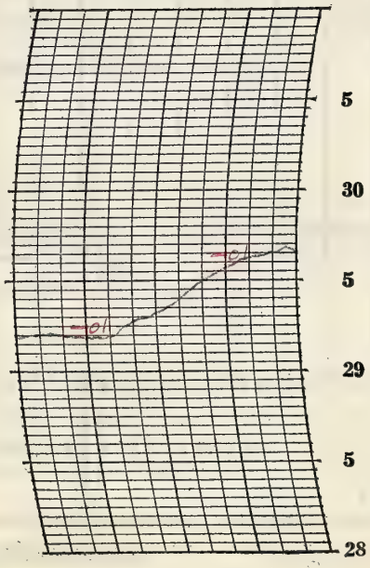
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.

Verified by E.H.

S—486

NOTES

A steady snow (mostly light) occurred most of the day with a short let-up at noon.

Warnings for a moderate cold wave received at 8:25 a.m. flag hoisted immediately.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) _____, (Date) JAN 4 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	17	17	17	17	17	18	20	23	27	31	32	33	35	36	35	35	34	34	33	31	30	29	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	Clear					X	Cly X			Clear								→
Sunrise: Time, 7:06 Character, Clear																					Sunset: Time, 4:26 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)								0.90	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.43 0							
Wind direction	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	6	5	6	5	5	7	6	9	9	12	10	12	15	14	13	11	12	9	8	8	10	9	9	10

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

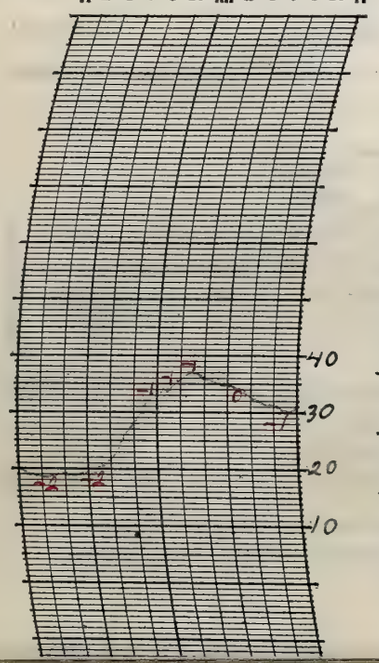
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	17	26	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.3 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 220
Average hourly velocity, 9.2 Extreme velocity, 21
Maximum velocity, 19 Direction, 9
Time began, 12:50 p.m.
Reduced barometer, 30.65 7 a. m. 30.50 7 p. m.
River gage, 17.8 feet
Relative humidity, 90 7 a. m. 68 7 p. m.

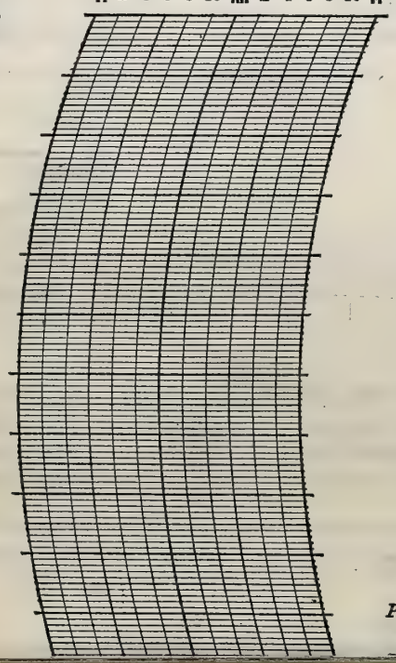
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.1 Wet temperature, 29.9
Dew-point, 27 R. humidity, 77 V. pressure, .143
Clouds: Amount, 4; Kind, Cl.; Direction, W
Velocity of clouds (miles per hour)

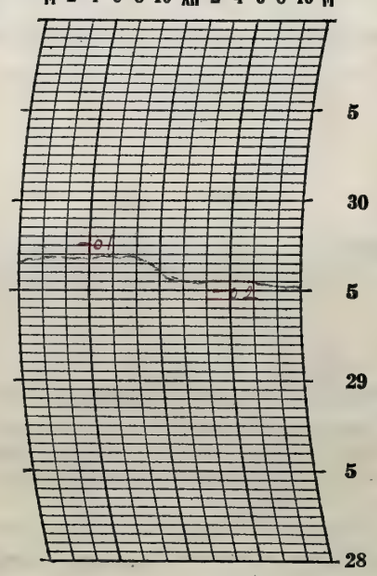
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. J. H.

NOTES

Mostly clear, cold day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) JAN 5 1930, 193

Time (local standard) 90 mer. normal time. 7

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	31	31	32	32	32	34	39	40	43	45	47	48	47	46	43	43	42	41	40	40	41	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear				×			Pt. Cloudy								× Clear →			
Sunshine (in tenths of hours)								0.1 (0.80)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 (0.2)	0 (0.45)							
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	10	9	11	11	10	12	11	12	13	15	14	15	14	14	14	13	11	10	11	11	12	12	14	15

Sunrise: Time, 7:06 Character, Clear
Moonrise: ——
Sunset: Time, 4:22 Character, Clear
Moonset: ——

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

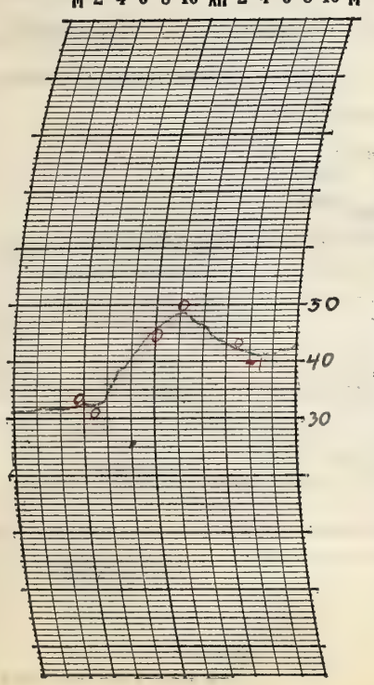
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	30	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 98
Prevailing wind direction, S Total wind, 294
Average hourly velocity, 12.2 Extreme velocity, 22
Maximum velocity, 19 Direction, SW
Time began, 11:06 a m
Reduced barometer, 30.40 7 a. m. 30.23 7 p. m.
River gage, 16.4 feet
Relative humidity, 30.40 7 a. m. 55 7 p. m.

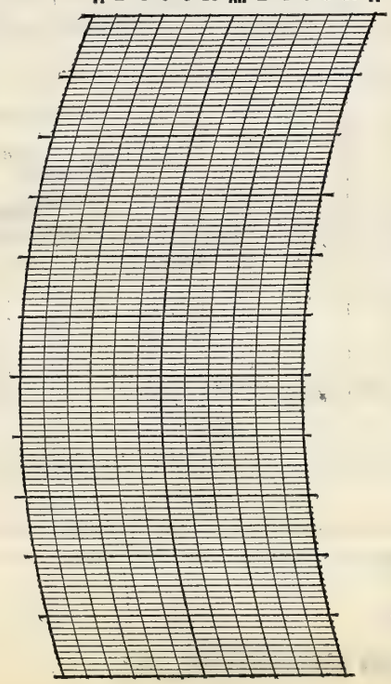
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 45.2 Wet temperature, 36.7
Dew-point, 24 R. humidity, 42 V. pressure, 1.24
Clouds: Amount, 7; Kind, ci; Direction, N.E.
Velocity of clouds (miles per hour)

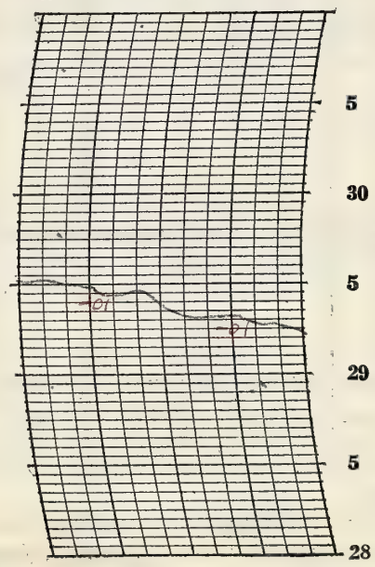
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by [illegible]

8—486

NOTES

partly cloudy in the afternoon following a clear morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) _____, (Date) JAN 6 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	43	43	43	43	44	44	45	46	48	50	50	52	53	52	52	51	51	51	51	53	53	53	52
State of weather: Nature of precipitation and time of beginning and ending															RB 2:53									R Cont
Amounts of precipitation																←		.04	×			.15		→
Cloudiness and other conditions						←					Cloudy													→
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	16	18	16	16	17	18	16	16	17	20	22	21	20	17	14	13	13	14	18	18	20	19	20	19
Maximum velocities (exceeding 24 miles) direction and time												25 S 11:35												

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: ____ ____
Sunset: Time, 4:28 Character, Cloudy
Moonset: ____ ____

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

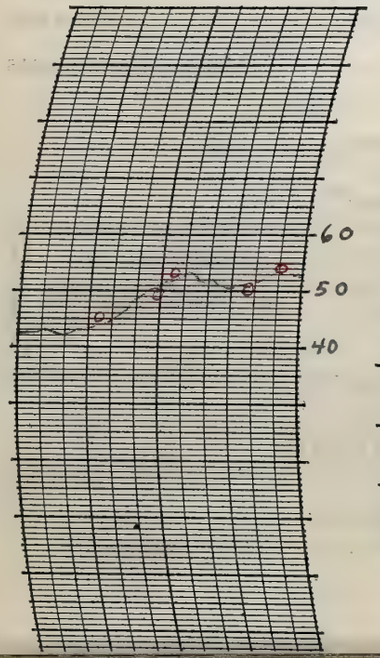
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	42	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .19 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 418
Average hourly velocity, 17.4 Extreme velocity, 26
Maximum velocity, 25 Direction, S
Time began, 11:35 a.m.
Reduced barometer, 30.08 7 a. m. 30.03 7 p. m.
River gage, 15.4 feet
Relative humidity, 71 7 a. m. 94 7 p. m.

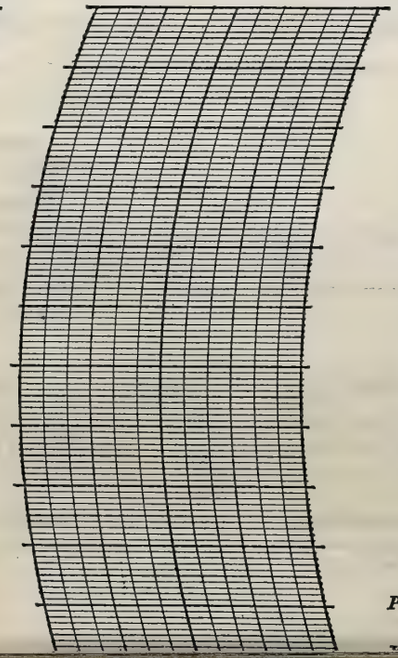
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.1 Wet temperature, 46.4
Dew-point, 43 R. humidity, 76 V. pressure, .277
Clouds: Amount, 10; Kind, st; Direction, S
Velocity of clouds (miles per hour) ____

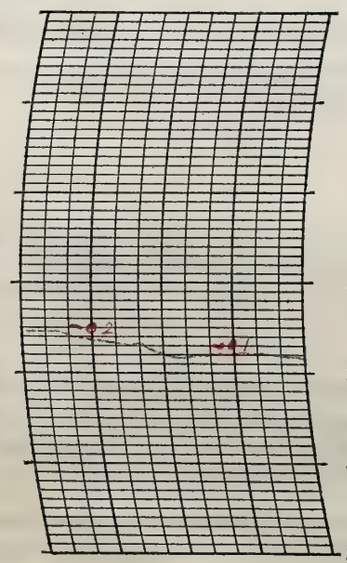
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]
F.L.H.

NOTES

Cloudy, threatening, day followed by a cold rain in the afternoon and at night - poor visibility at night.

Warning received at 8:30 a.m. for cold wave Tuesday or Tuesday night with temperature near zero. Flag hoisted immediately.

Warning received at 8:06 p.m. for a severe cold wave Tuesday.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 7 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	51	47	45	43	39	36	34	34	33	32	31	31	31	31	31	30	30	30	30	30	30
State of weather: Nature of precipitation and time of beginning and ending	R Cont																							R Cont
Amounts of precipitation	#		.24				X			.17		X				.02			X				.25	#
Cloudiness and other conditions											Cloudy													
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	S	W	W	W	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	N	N	N	N
Wind movement	18	20	18	18	7	5	5	9	9	7	7	7	9	7	7	5	6	6	5	7	6	6	6	8

Sunrise: Time, 7:06 Character, Cloudy
Moonrise:
Sunset: Time, 4:29 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

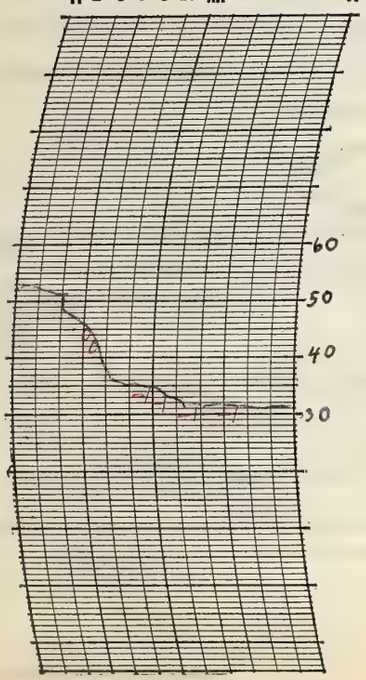
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	30	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .39 ins.; to 7 p. m., .19 ins.
Total precipitation, midnight to midnight, #.68 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind, 208
Average hourly velocity, 8.7 Extreme velocity, 25
Maximum velocity, 23 Direction, S
Time began, 1:24 a.m.
Reduced barometer, 30.08 7 a. m. 30.15 7 p. m.
River gage, 16.0 feet
Relative humidity, 92 7 a. m. 96 7 p. m.

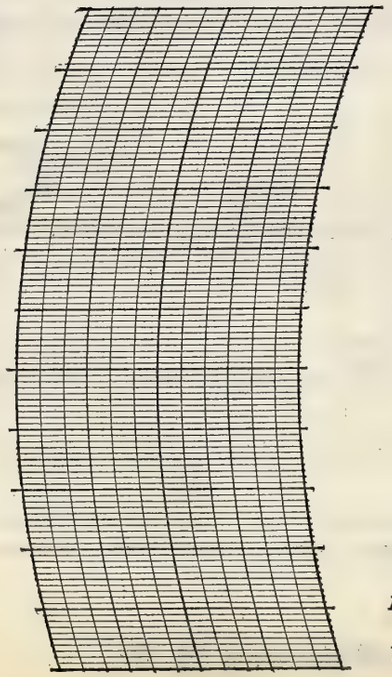
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 33.4 Wet temperature, 33.0
Dew-point, 10 R. humidity, at V. pressure, N
Clouds: Amount, 33; Kind, 96; Direction, 187
Velocity of clouds (miles per hour)

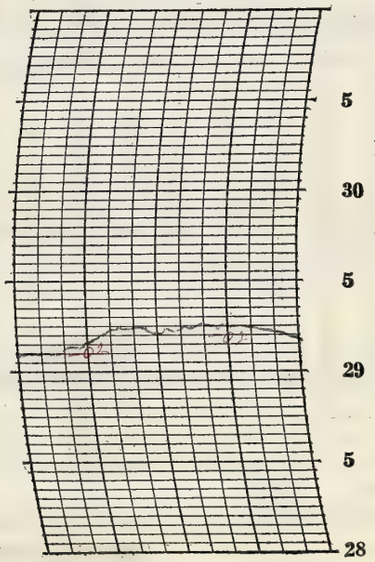
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

A glaze began to form on wires and trees at 3:30 p.m. and continued. No damage some trouble on Journal Printers but not on Western Union.

Precipitation midnight to midnight estimated

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) ....., (Date) JAN 8 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	31	31	31	32	32	32	32	32	32
Nature of precipitation and time of beginning and ending	R Cont									RE 4:15		RB 11:00
Amounts of precipitation	#		3	8				X				
Cloudiness and other conditions												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NE	NE	N	N	NE	NE	N	N	N	N	N	N
Wind movement	9	10	8	6	6	5	5	4	6	5	5	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	32	32	32	32	32	32	31	31	30
Nature of precipitation and time of beginning and ending	RE 12:15						RB 6:15					R Cont
Amounts of precipitation	01						X				05	#
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	7	7	6	6	9	9	9	10	11	11	12

Sunrise: Time, 7:06 Character, Cloudy
Moonrise: .....
Sunset: Time, 4:30 Character, Cloudy
Moonset: .....

Maximum velocities (exceeding 2.0 miles) direction and time.....

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.....

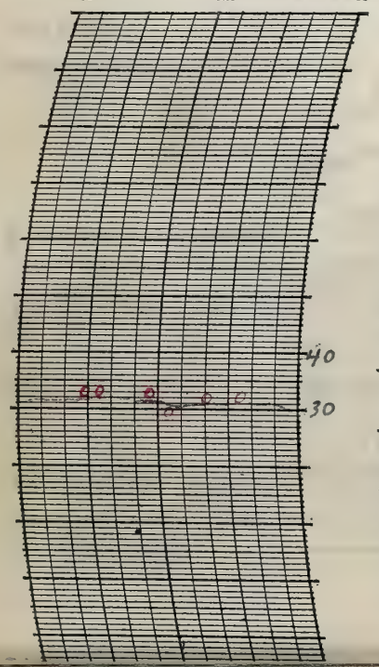
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	30	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .63 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, # .4 inches.
Character of day, Cloudy Moon phase, ...
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 178
Average hourly velocity, 7.4 Extreme velocity, 16
Maximum velocity, 16 Direction, NE
Time began, 10:27 p.m.
Reduced barometer, 30.097 a. m. 30.23 p. m.
River gage, 18.0 feet
Relative humidity, 96 a. m. 96 p. m.

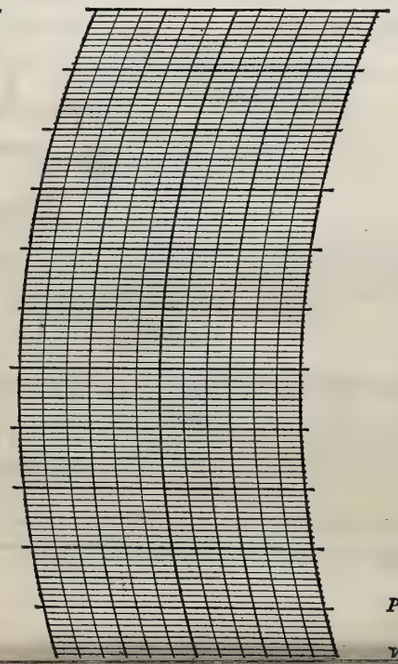
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.4 Wet temperature, 32.0
Dew-point, 32 R. humidity, 96 V. pressure, .180
Clouds: Amount, 10; Kind, st; Direction, N
Velocity of clouds (miles per hour).....

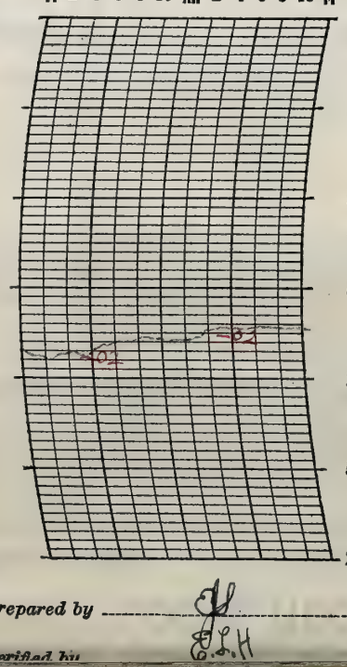
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by .....
Verified by E.L.H

NOTES

Glaze continued to form on wires until 9:15 a.m. when the ice began to melt very slowly.
Precipitation midnight to midnight estimated

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind. (Day of week) Tuesday, (Date) JAN 9 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	27	26	26	26	25	25	25	26	26	25	24	24	23	22	22	22	21	21	20	20	17
State of weather: Nature of precipitation and time of beginning and ending	R con RE 1240 SP B 12.40																					SP E 9:10		
Amounts of precipitation			0 8						X		3 2		X			3 4				X	0 1			
Cloudiness and other conditions												Cloudy												
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	N
Wind movement	13	13	12	14	15	14	13	13	13	11	14	13	11	12	14	11	12	13	12	10	9	8	9	10

Sunrise: Time, 7:06 Character, Cloudy

Moonrise:

Sunset: Time, 4:31 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	17	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 3.1 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .13 ins.; to 7 p. m., .6 6 ins.

Total precipitation, midnight to midnight, .75 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.4

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind, 289

Average hourly velocity, 12.0 Extreme velocity, 20

Maximum velocity, 18 Direction, NE

Time began, 4:39 a. m.

Reduced barometer, 30.25 7 a. m. 30.19 7 p. m.

River gage, 19.6 feet

Relative humidity, 100 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

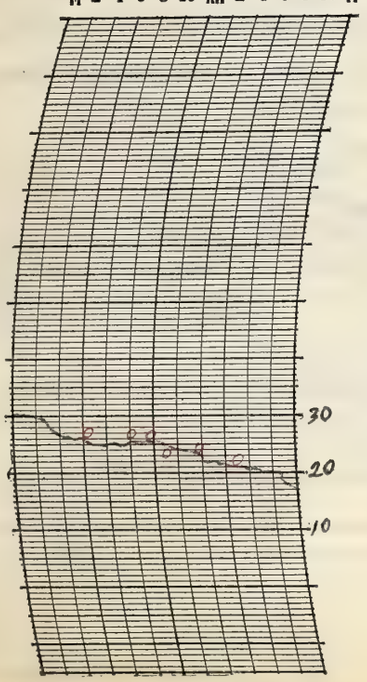
Dry temperature, 26.0 Wet temperature, 25.8

Dew-point, 26 R. humidity, 98 V. pressure, 13.6

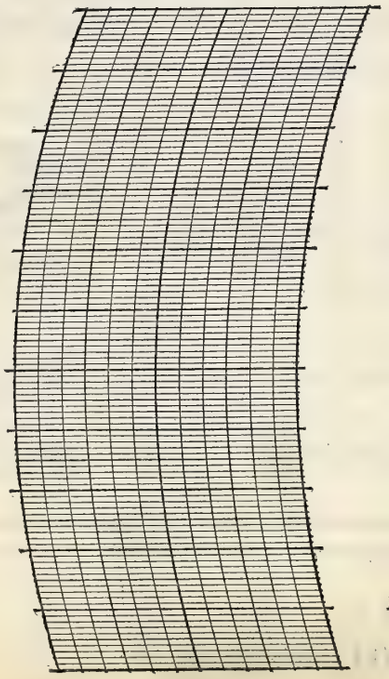
Clouds: Amount, 10; Kind, St; Direction, N

Velocity of clouds (miles per hour)

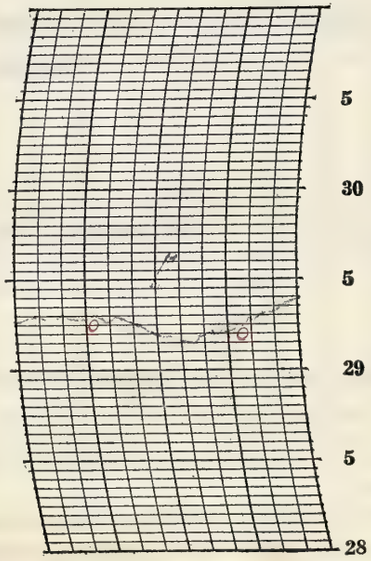
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH

Verified by EH

8—486

NOTES

River crested about midnight at 19.6 feet - out of its banks in many places. A severe sleet storm began at 12:40 A.M. and continued all day, the heaviest storm of this type that has ever been recorded at this station. The sleet made sidewalks very slippery - and many accidents occurred

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 1 0 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	16	15	14	13	12	12	12	14	16	18	19	20	21	21	21	21	21	21	19	17	18	18	19
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Pt Cloudy												→	
Sunrise: Time, 7:06 Character, Clear																					Sunset: Time, 4:32 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)								0.90 0	0.6 0.4	1.0	1.0	1.0	1.0	0.8	0.2 0.7	1.0 0	0.53 0							
Wind direction	N	N	N	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E
Wind movement	8	7	8	9	8	8	5	6	6	6	6	5	7	7	8	8	9	8	9	10	9	10	8	9
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

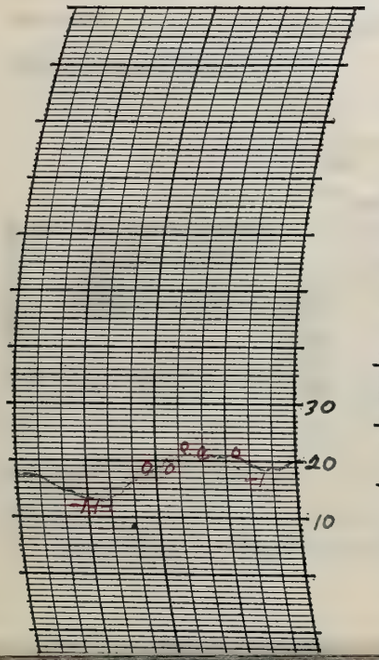
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	12	17	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.1 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 97
Prevailing wind direction, N Total wind, 184
Average hourly velocity, 7.7 Extreme velocity, 16
Maximum velocity, 16 Direction, NE
Time began, 2:22 p.m.
Reduced barometer, 30.59 7 a. m. 30.68 7 p. m.
River gage, 18.6 feet
Relative humidity, 84 7 a. m. 88 7 p. m.

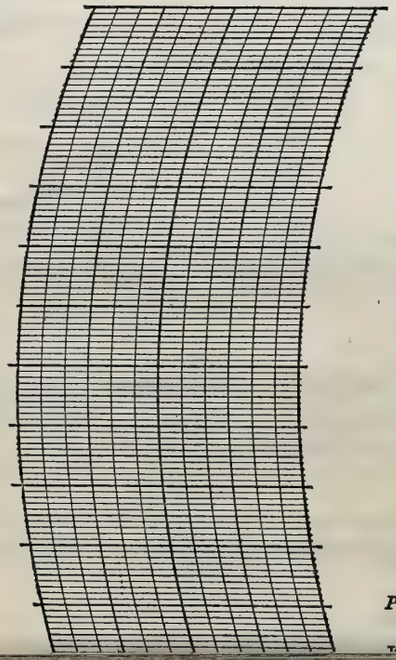
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 18.6 Wet temperature, 18.0
Dew-point, 16 R. humidity, 90 V. pressure, .085
Clouds: Amount, 4; Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

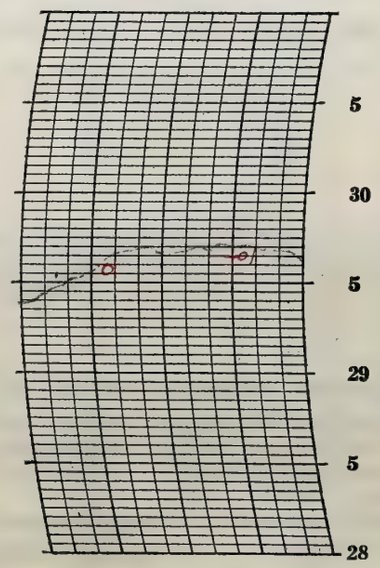
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. H.

NOTES

The day broke clear and cold. The sleet that fell on the 9th remained on the ground and was froze very hard, in fact it held up autos it was froze so hard. Streets and sidewalks remain very slippery.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 11 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	20	20	21	21	21	22	22	23	23	24	24	26	26	27	27	28	28	30	30	31	32	33	34
State of weather: Nature of precipitation and time of beginning and ending														SB 1:20 SB E 2:00						RB 7:10				R Cont
Amounts of precipitation														T										
Cloudiness and other conditions														Cloudy										
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E #	E #	E #	E #	SE #	E #	SE #	SE #	SE	SE	SE	S
Wind movement	9	7	7	7	6	8	7	6	5	6	6	3	4	5	5	5	5	6	5	4	5	6	7	8

Sunrise: Time, 7:05 Character, Cloudy

Moonrise:

Sunset: Time, 4:33 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	20	27	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 31 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .30 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind, 142

Average hourly velocity, 5.9 Extreme velocity, 12

Maximum velocity, 12 Direction, E

Time began, 12:49 a.m.

Reduced barometer, 30.50 7 a. m. 30.28 7 p. m.

River gage, 17.5 fall

Relative humidity, 86 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

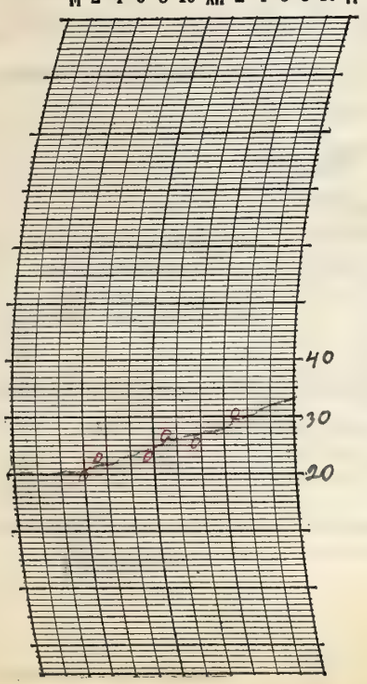
Dry temperature, 24.2 Wet temperature, 23.2

Dew-point, 23 R. humidity, 94 V. pressure, .118

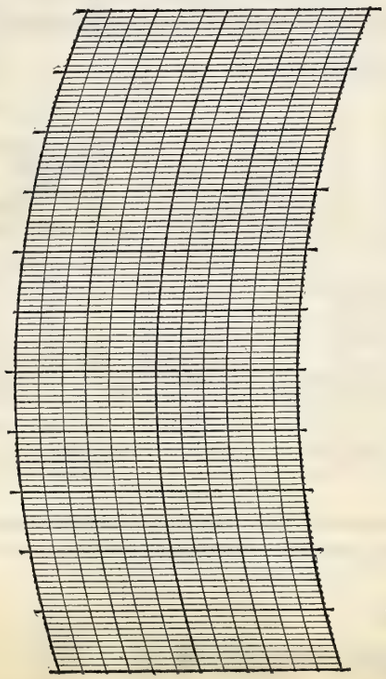
Clouds: Amount, 10; Kind, st; Direction, E

Velocity of clouds (miles per hour)

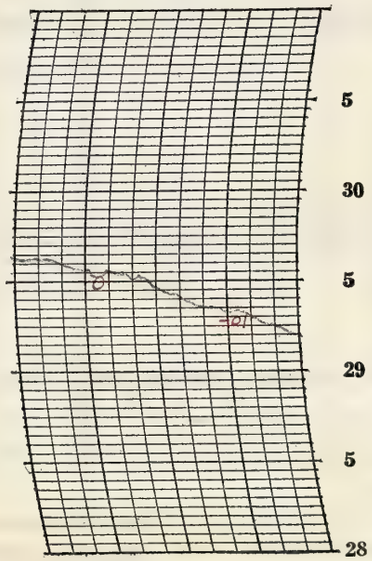
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

#short in circuit from 12:44 p - 2:11 p and 3:20 p - 6:38 p, wind estimated

Light sleet storm between 1 and 2 p.m.

Rain began at 7:10 pm and continued.

Very dark and poor visibility at night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) _____, (Date) JAN 12 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	36	37	39	39	38	38	37	37	37	36	36	36	36	36	36	34	34	34	33	33	33	33	33
Nature of precipitation and time of beginning and ending	R Cont					RE 5:45				RB 9:10 RE 9:30											RB 8:10			R Cont
Amounts of precipitation			.42							T												.13		
Cloudiness and other conditions													Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	N	N	N	NE	NE	NE	NE
Wind movement	9	8	8	10	13	12	13	12	10	12	9	11	8	7	6	5	5	3	3	3	7	7	7	10

Sunrise: Time, 7:05 Character, Cloudy
Moonrise:
Sunset: Time, 4:34 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

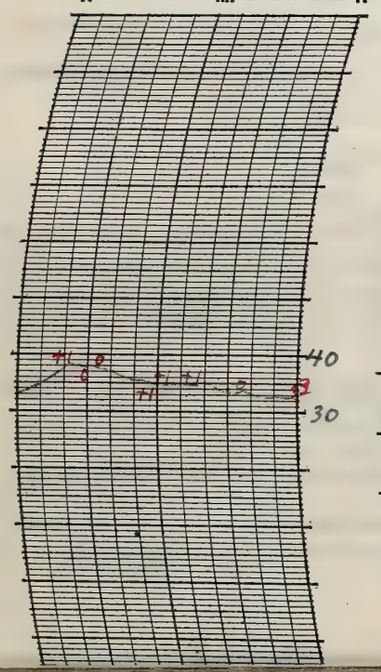
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	33	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .72 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .55 inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 198
Average hourly velocity, 8.2 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 4:43 a.m.
Reduced barometer, 30.08 7 a. m. 30.10 7 p. m.
River gage, 17.0 feet #
Relative humidity, 99 7 a. m. 98 7 p. m.

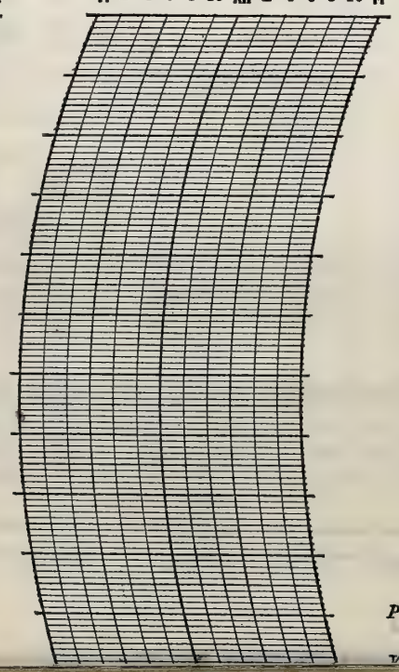
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.2 Wet temperature, 35.8
Dew-point, 35 R. humidity, 96 V. pressure, .203
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

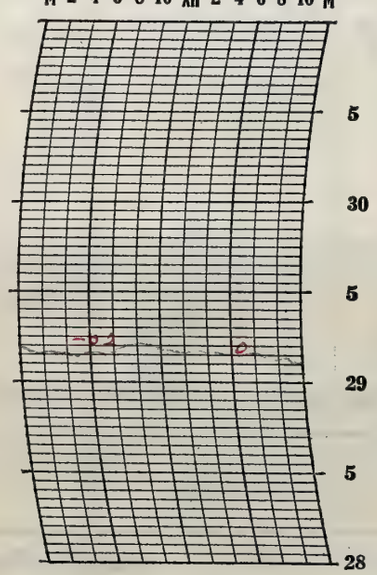
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

Verified by _____

NOTES

Rain continued from the day before. Some rain during the day and heavy rain again at night. Very dark, gloomy day.

river read 17.5 at 4:00 p.m.

U. S. GOVERNMENT PRINTING OFFICE: 1929

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) JAN 13 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	33	33	33	33	33	33	33	34	34
Nature of precipitation and time of beginning and ending	R Cont										RE 11:00	
Amounts of precipitation			.23					X				.09
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	9	9	10	9	11	11	11	10	10	9	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	34	34	34	33	33	33	33	33	33
Nature of precipitation and time of beginning and ending	RB 12:30		RE 3:30		RB 4:45	RE 6:00					RB 10:35	R Cont
Amounts of precipitation								X				.05
Cloudiness and other conditions									Dense Fog			
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	E	E	E	E	NE	NE	E
Wind movement	9	8	9	8	7	8	8	6	5	5	7	5

State of weather.

Sunrise: Time, 7:05 Character, Cloudy

Moonrise:

Sunset: Time, 4:35 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	33	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 1.8 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .36 ins.; to 7 p. m., .09 ins.

Total precipitation, midnight to midnight, .37 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind, 202

Average hourly velocity, 8.4 Extreme velocity, 16

Maximum velocity, 15 Direction, NE

Time began, 5:39 a. m.

Reduced barometer, 29.98 7 a. m. 29.93 7 p. m.

River gage, 17.5 feet #

Relative humidity, 98 7 a. m. 100 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

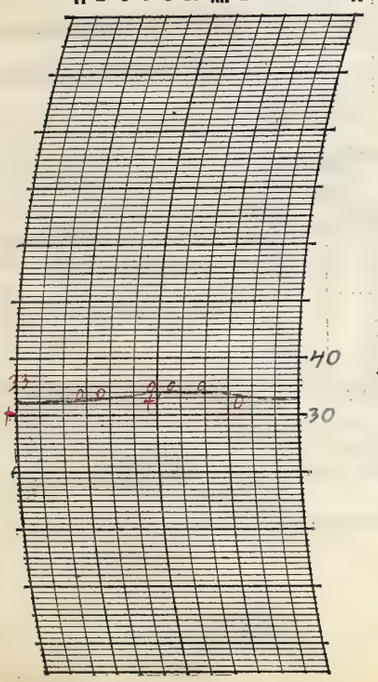
Dry temperature, 34.0 Wet temperature, 33.7

Dew-point, 33 R. humidity, 97 V. pressure, 18.7

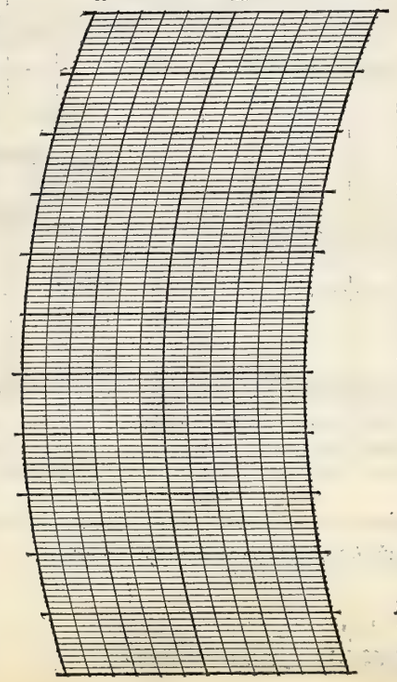
Clouds: Amount, 10; Kind, St; Direction, N

Velocity of clouds (miles per hour)

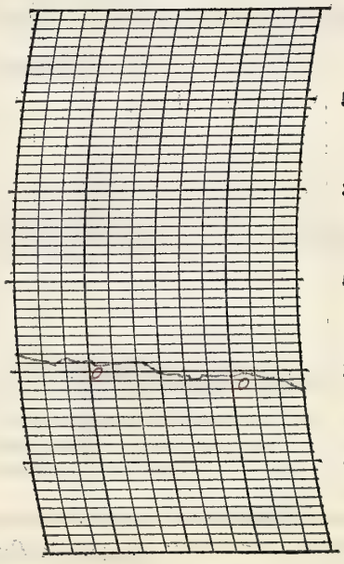
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Rain continued nearly all day. The dense fog at night was very bad — from 5:00 p.m. until after 10:00 p.m. nearly impossible to see to drive a car.

river read 17.8 at 11:00 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind.; (Day of week) _____, (Date) JAN 14 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	34	36	37	38	41	45	48	49	50
Nature of precipitation and time of beginning and ending	R cont							RE 7:15				
Amounts of precipitation	←			1.00			→	T				
Cloudiness and other conditions						←	Cloudy				X Pcldy	
Sunshine (in tenths of hours)								0	0	0	0	0.3
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	SE	S	S	S
Wind movement	5	7	7	6	7	7	10	7	8	11	15	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	47	43	40	36	35	35	33	31	30	28	26
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	X					Cloudy			→			
Sunshine (in tenths of hours)	1.0	0.1	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	18	16	14	15	18	16	18	18	15	15	14

Sunrise: Time, 7:04 Character, Cloudy
Moonrise: ____ ____

Sunset: Time, 4:36 Character, Cloudy
Moonset: ____ ____

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

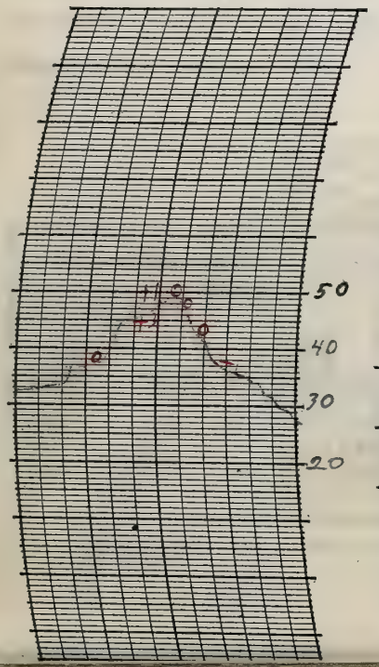
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	26	38	

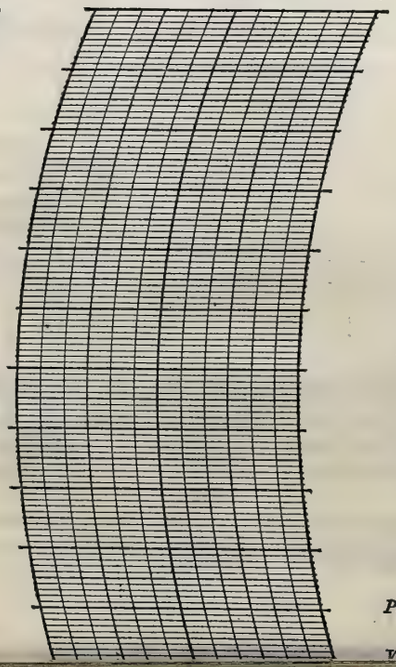
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 1.05 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 1.00 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.7 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 18
Prevailing wind direction, SW Total wind, 295
Average hourly velocity, 12.3 Extreme velocity, 25
Maximum velocity, 24 Direction, SW
Time began, 7:58 pm
Reduced barometer, 29.55 7 a. m., 29.66 7 p. m.
River gage, 18.8 feet #
Relative humidity, 100 7 a. m., 89 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 49.9 Wet temperature, 46.8
Dew-point, 43 R. humidity, 80 V. pressure, .227
Clouds: Amount, 6; Kind, stcu Direction, SW
Velocity of clouds (miles per hour) ____

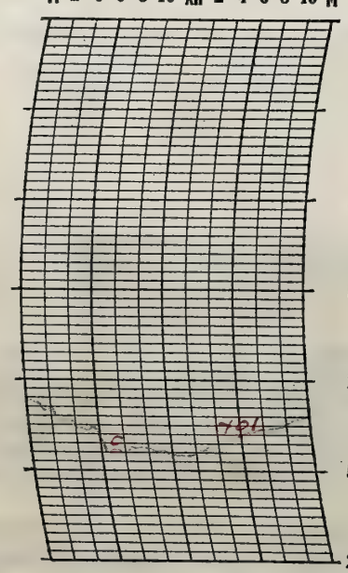
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EHH
Verified by E.L.H

NOTES

Heavy rain during the early morning. The thunderstorm was severe and continued for over one hour. However, the only damage was from rain, no damage by lightning. ☒ 1:30 a.m.

The rivers began to rise rapidly and had reached a stage of 21.5 feet by midnight. Some street began to be flooded at that hour and many people moved out of their homes.

Warning cold wave by Wednesday with temperature ten above or lower by Wednesday night received 5:25 p.m. flag hoisted immediately.

U. S. GOVERNMENT PRINTING OFFICE: 1928

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) JAN 15 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	21	20	19	19	19	19	19	18	19	18
Nature of precipitation and time of beginning and ending		SD B 1:20										
Amounts of precipitation					T							
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)								0	0	0	0.1	0.4
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	W	SW	W
Wind movement	18	16	16	19	15	16	15	13	13	14	13	12

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	19	19	19	19	19	18	19	20	20	20	20
Nature of precipitation and time of beginning and ending	SD E 12:30								SD B 8:50			SD Cont
Amounts of precipitation									T			
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0.9	0.9	0.2	0	0							
Wind direction	W	W	W	W	SW	W	W	SW	W	W	W	W
Wind movement	14	12	12	10	10	8	8	8	7	8	9	8

State of weather.

Sunrise: Time, 7:04 Character, Cloudy

Moonrise:

Sunset: Time, 4:37 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	18	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 2.5 Possible sunshine, hours, 9.6

Per cent of possible sunshine, 26

Prevailing wind direction, W Total wind, 294

Average hourly velocity, 12.2 Extreme velocity, 24

Maximum velocity, 23 Direction, SW

Time began, 12:42 a.m.

Reduced barometer, 29.95 7 a. m. 30.12 7 p. m.

River gage, 22.0 feet

Relative humidity, 85 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

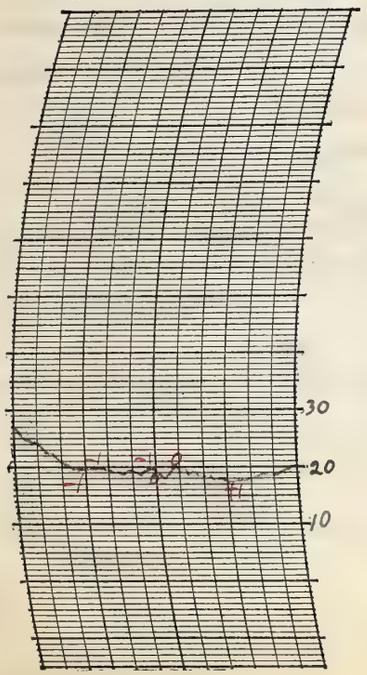
Dry temperature, 18.4 Wet temperature, 17.4

Dew-point, 14 R. humidity, 84 V. pressure, .077

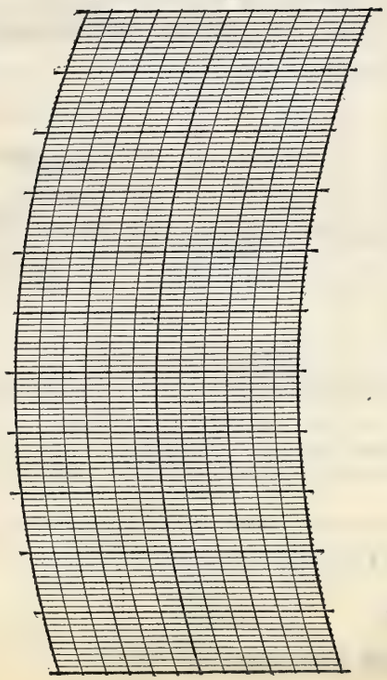
Clouds: Amount, 9; Kind, stratus Direction, W

Velocity of clouds (miles per hour)

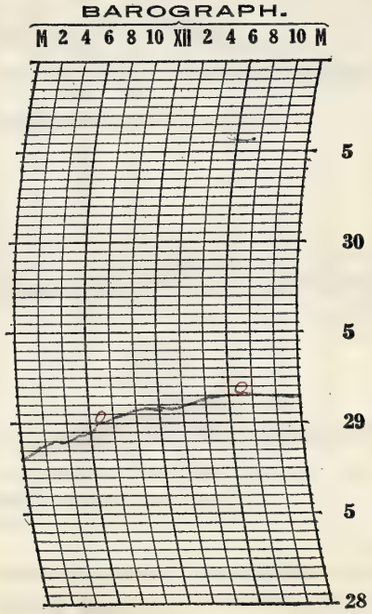
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.S.H.

Verified by E.S.H.

8—486

NOTES

Lunar corona observed in the very early morning near 12:30 a.m.

Light snow during the day and night. The rivers continued to rise during the day - and many homes were flooded. It reached a stage of 22.4 at the time of its crest at 4:00 p.m. All dykes in Lakeside held but some seepage occurred. Hundreds of homes were damaged by water backing up through the storm drains - and many basements were flooded - A great many people were taken from their homes in boats.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [illegible], (Date) JAN 15 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	20	19	19	18	18	17	17	18	19	20	21	22	23	23	23	22	20	19	18	16	16	17	17	16
State of weather: Nature of precipitation and time of beginning and ending	SD Cont							SDE 7:40						SDB 1:00 SDE 1:15 SDB 1:40	SDE 2:45									
Amounts of precipitation				T				X			T													
Cloudiness and other conditions							Cloudy				X+Cldy		X	Cldy			X+Cldy			X	Cldy			

Sunrise: Time, 7:04 Character, Cloudy
Moonrise:
Sunset: Time, 4:39 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0.1	0.1	0.4	0.6	0.6	0	0	0	0							
Wind direction	W	W	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	WSW	SW	
Wind movement	8	8	8	8	8	8	6	7	8	9	8	7	7	7	8	8	11	8	8	7	6	5	4	7

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

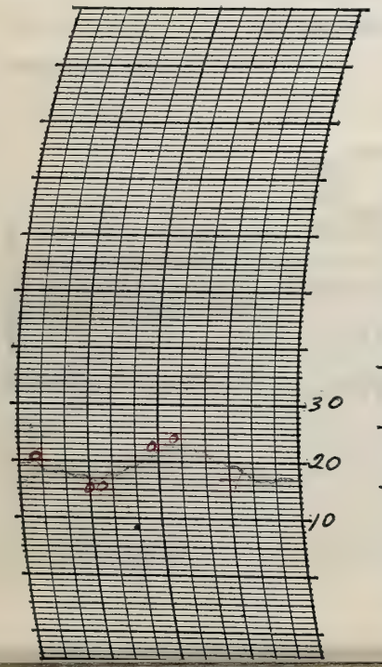
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	16	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.8 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 19
Prevailing wind direction, W Total wind, 179
Average hourly velocity, 7.5 Extreme velocity, 13
Maximum velocity, 13 Direction, W
Time began, 4:31 p.m.
Reduced barometer, 30.15 7 a. m. 30.31 7 p. m.
River gage, 22.2 feet
Relative humidity, 87 7 a. m. 84 7 p. m.

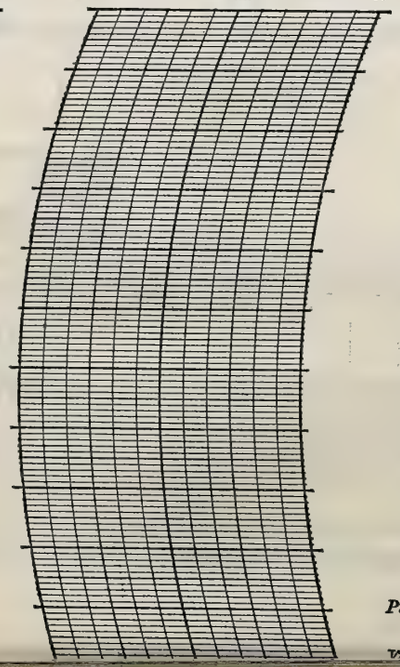
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.2 Wet temperature, 21.2
Dew-point, 19 R. humidity, 86 V. pressure, .098
Clouds: Amount, 2; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

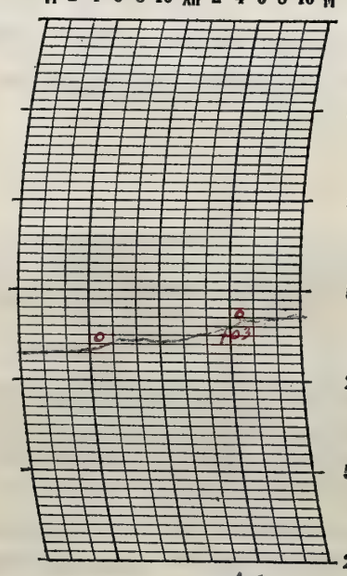
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

NOTES

Cloudy overcast day very light snow during the day. Streets in fair condition.

The river fell slowly during the day and reached a stage of 21.9 feet at 7:00 p.m. People still held away from their homes.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind; (Day of week) Friday, (Date) JAN 17 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	14	14	13	14	15	16	16	18	18	18	18
State of weather: Nature of precipitation and time of beginning and ending	SD 12:05											
Amounts of precipitation				T				X	.04			
Cloudiness and other conditions												
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	S	S	S	S	SE	S	S	S	S
Wind movement	7	6	4	7	7	5	4	4	8	9	7	6

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	20	20	20	19	18	17	11	9	4	1	-1
State of weather: Nature of precipitation and time of beginning and ending											SDE 10:30	
Amounts of precipitation		X	2.0					X	.05			
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	S	SW	SW	W	W	W	W	W
Wind movement	7	8	8	6	9	9	13	12	11	13	15	12

Sunrise: Time, 7:03 Character, Cloudy
Moonrise:

Sunset: Time, 4:40 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

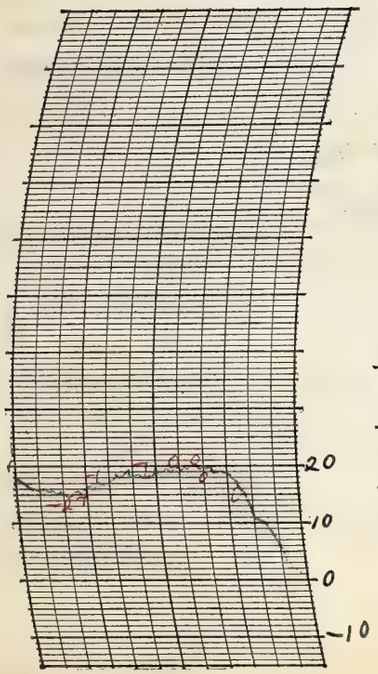
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
20	-1	10	

Total depth of snow for 24 hours ending 7 p. m., 3.0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.0 inches.
Total snowfall, midnight to midnight, 3.5 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .24 ins.
Total precipitation, midnight to midnight, .29 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 8.6
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 197
Average hourly velocity, 8.2 Extreme velocity, 24
Maximum velocity, 22 Direction, W
Time began, 10:10 p.m.
Reduced barometer, 29.27 7 a. m. 30.00 7 p. m.
River gage, 20.9 feet #
Relative humidity, 86 7 a. m. 95 7 p. m.

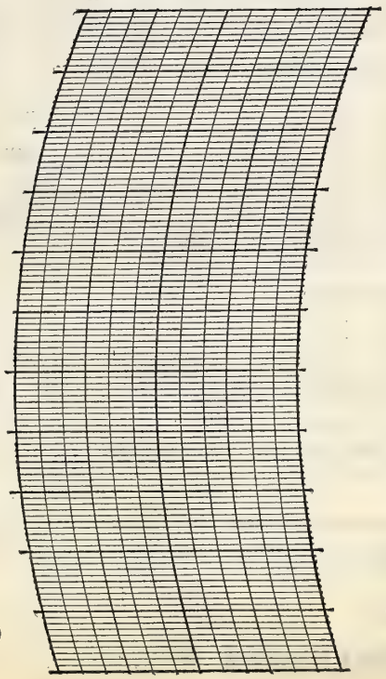
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 18.0 Wet temperature, 17.2
Dew-point, 15 R. humidity, 87 V. pressure, .081
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

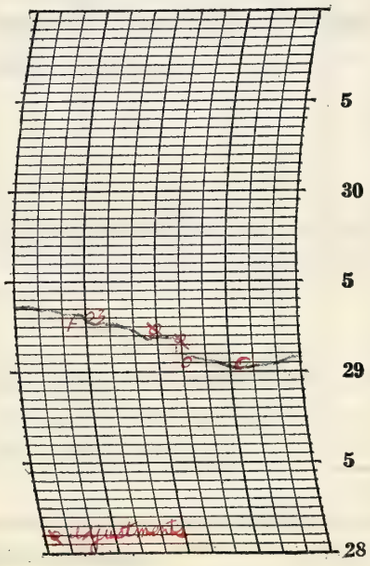
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J. L.
Verified by E. L. H.

8—486

NOTES

Heavy snow during the afternoon and early evening. Visibility poor most of the ~~evening~~ time that snow was falling.
Roads continued to fall very slowly and only a few people were able to return to their homes.
read 19.9 at 7:00 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 1 6 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-4	-7	-10	-11	-13	-14	-15	-15	-12	-9	-6	-5
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← Clear											
Sunshine (in tenths of hours)								0.95 0	0.6 0.4	1.0	1.0	1.0
Wind direction	W	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	10	10	10	11	10	10	11	11	11	13	12

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-1	0	0	1	0	0	-1	-1	-1	-2	-2	-2
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	0.68 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	12	13	12	12	12	10	13	14	12	10	9

Sunrise: Time, 7:03 Character, Clear
Moonrise:
Sunset: Time, 4:41 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

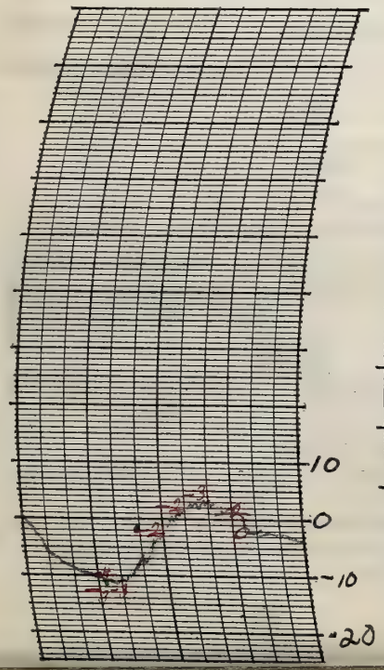
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
1	-15	-7	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow, sleet, and hail on ground 7 p. m., 3.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.6 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 272
Average hourly velocity, 11.3 Extreme velocity, 19
Maximum velocity, 18 Direction, SW.
Time began, 8:08 p. m.
Reduced barometer, 30.21 7 a. m. 30.28 7 p. m.
River gage, 19.2 fall
Relative humidity, 87 7 a. m. 59 7 p. m.

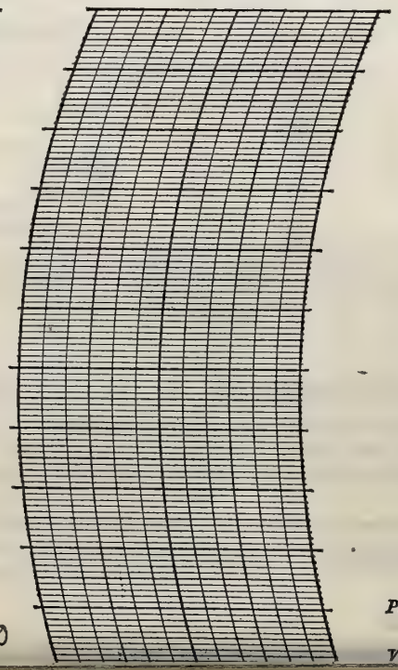
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, -5.4 Wet temperature, -6.0
Dew-point, -11 R. humidity, 25 V. pressure, .021
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

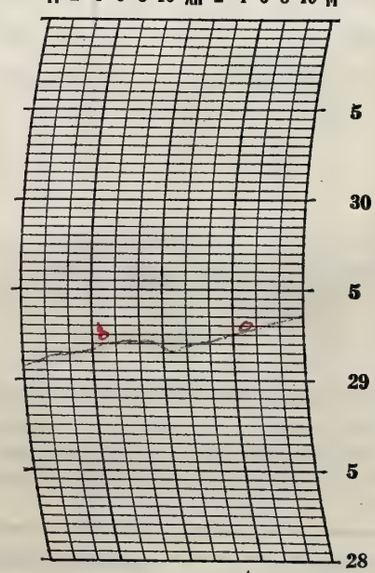
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.L.H

NOTES

A clear cold day. The coldest day since Dec 17, 1924. Only on two other days has a colder day been recorded at this station; those of Jan 12, 1918 and Dec 17, 1924. There was very little wind.

The river had reached a stage of 18.5 by 1:00 pm and was well into banks.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 1 6 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-3	-4	-4	-4	-4	-4	-3	-2	0	4	8	11	13	14	15	15	14	14	14	14	14	14	14	14
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<Clear		→ Pt Cldy			→	Cldy	Cldy	→	Pt Cldy	Clear	→	Pt Cldy	→		Cloudy			→
Sunshine (in tenths of hours)								0.97 0	1.0 0	0.8	0.7	0.9	0.9	1.0	1.0	0.6	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW
Wind movement	9	9	9	9	10	11	9	8	9	10	8	8	8	8	7	7	6	9	8	5	5	5	4	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 7:02 Character, Clear
Moonrise:
Sunset: Time, 4:42 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

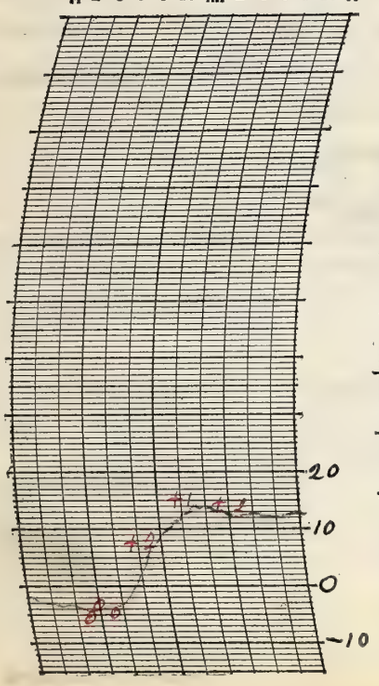
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
15	-4	6	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 3.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.9 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 81
Prevailing wind direction, SW Total wind, 186
Average hourly velocity, 7.8 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 5:24 a.m.
Reduced barometer, 30.50 7 a. m. 30.60 7 p. m.
River gage, 15.4 fat
Relative humidity, 55 7 a. m. 78 7 p. m.

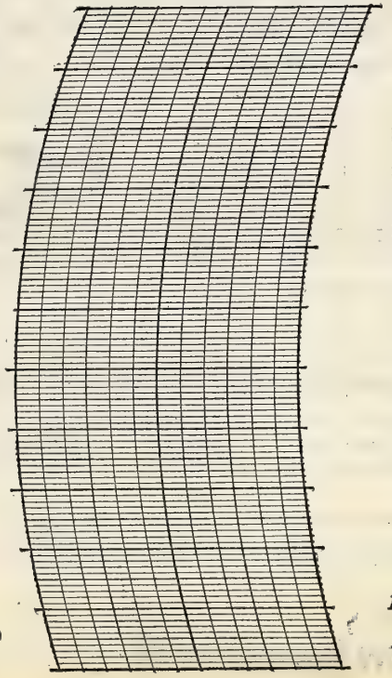
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 10.8 Wet temperature, 9.4
Dew-point, 4 R. humidity, 71 V. pressure, .042
Clouds: Amount, 10; Kind, Cirr; Direction, W
Velocity of clouds (miles per hour)

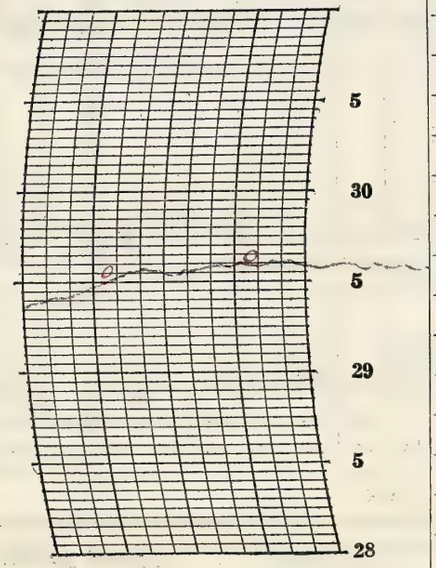
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CL
Verified by E.H.

8—486

NOTES

Partly cloudy to cloudy day - cold. No new snow.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 20 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	15	14	14	14	14	14	14	15	16	17	19	19	21	21	21	20	20	19	18	18	18	18	18
State of weather: Nature of precipitation and time of beginning and ending																			SD 6.40					SD Cont
Amounts of precipitation																			T	←		.05		→
Cloudiness and other conditions							←						Cloudy											→
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	N	N	N	E	E	NE	E	SE	SE	SE	S	S	SE	SE	SE	SE	E	E	E	E	NE	NE
Wind movement	2	3	4	3	3	3	3	4	4	4	3	4	4	4	3	4	3	2	3	2	3	3	3	3

Sunrise: Time, 7.01 Character, Cloudy
Moonrise:
Sunset: Time, 4.43 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

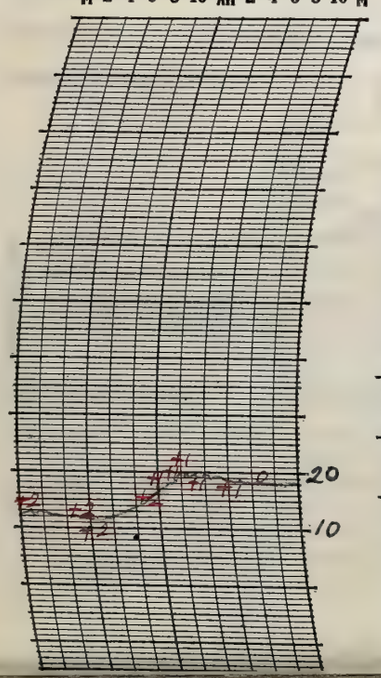
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	14	18	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 3.3 inches.
Total snowfall, midnight to midnight, 0.9 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, E1SE Total wind, 77
Average hourly velocity, 3.2 Extreme velocity, 6
Maximum velocity, 6 Direction, NE
Time began, 9:50 a. m.
Reduced barometer, 30.56 7 a. m. 30.44 7 p. m.
River gage, 11.5 feet
Relative humidity, 89 7 a. m. 72 7 p. m.

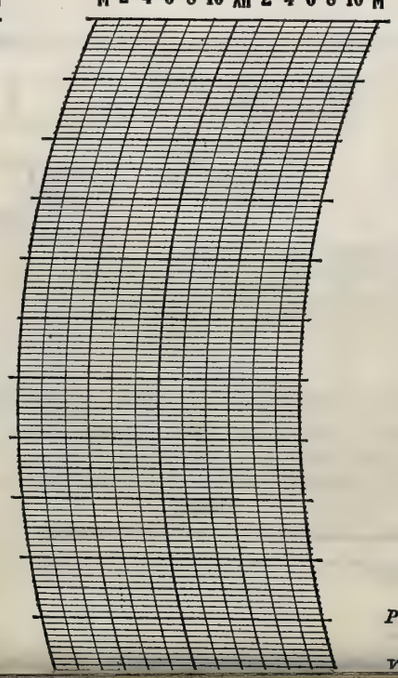
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 19.1 Wet temperature, 18.3
Dew-point, 16 R. humidity, 88 V. pressure, .085
Clouds: Amount, 10; Kind, Sf; Direction, E
Velocity of clouds (miles per hour)

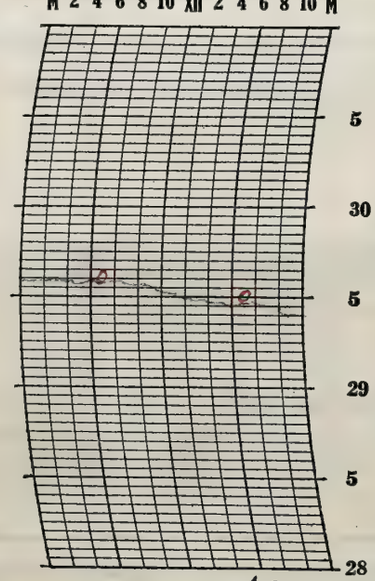
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by

NOTES

a cloudy threatening day with light snow at night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 21 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	18	17	17	17	17	17	18	18	20	21
Nature of precipitation and time of beginning and ending	SD cont											
Amounts of precipitation			0.6					X				T
Cloudiness and other conditions								Cloudy				
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NE	NE	NE	NE	N	N	N	NE	N	N	NW	NW
Wind movement	3	3	5	4	3	3	4	4	4	3	6	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	22	22	21	20	19	18	17	16	14	13	13
Nature of precipitation and time of beginning and ending	SDE 12:05									SDB 9:30		
Amounts of precipitation								X			0.4	
Cloudiness and other conditions			Cldy			Cloudy						
Sunshine (in tenths of hours)	0.7	0.7	0.3	0	0							
Wind direction	N	NW	NW	NW	NW	N	N	N	N	N	N	NW
Wind movement	6	5	6	9	9	6	6	5	6	5	5	5

Sunrise: Time, 7:01 Character, Cloudy

Moonrise:

Sunset: Time, 4:44 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	13	18	

Total depth of snow for 24 hours ending 7 p. m., 2.0 inches.

Snow, sleet, and hail on ground 7 p. m., 5.0 inches.

Total snowfall, midnight to midnight, 1.8 inches.

Precipitation to 7 a. m., .11 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 1.7 Possible sunshine, hours, 9.7

Per cent of possible sunshine, 18

Prevailing wind direction, N Total wind, 120

Average hourly velocity, 5.0 Extreme velocity, 12

Maximum velocity, 12 Direction, NW

Time began, 3:57 p.m.

Reduced barometer, 30.34 7 a. m. 30.32 7 p. m.

River gage, 9.0 feet

Relative humidity, 93 7 a. m. 82 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

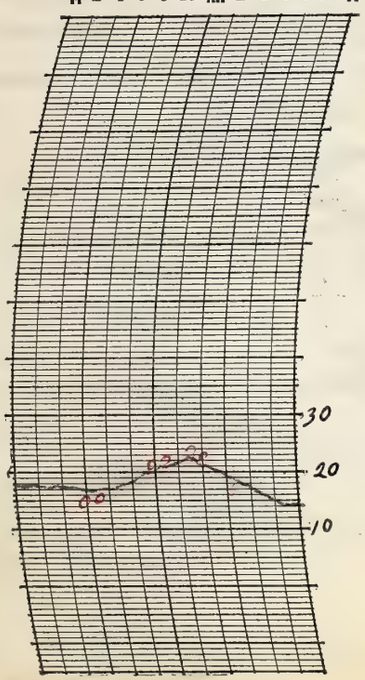
Dry temperature, 20.6 Wet temperature, 19.2

Dew-point, 16 R. humidity, 80 V. pressure, .085

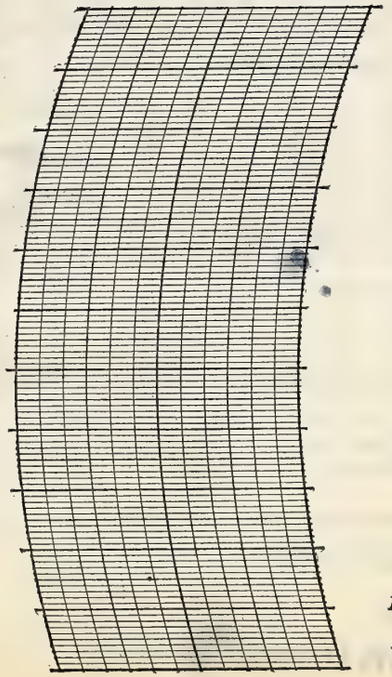
Clouds: Amount, 10; Kind, st; Direction, N

Velocity of clouds (miles per hour)

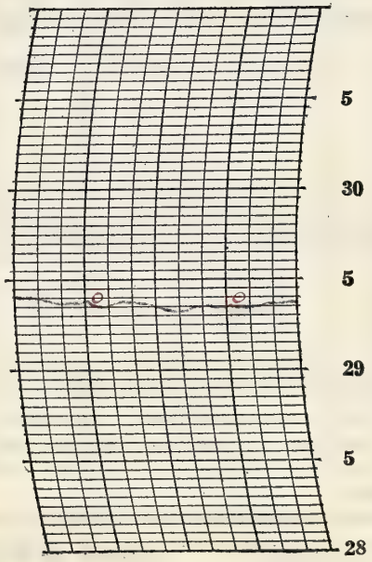
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EH

Verified by EL.H

8—486

NOTES

Cold wave warning received 8:20 a m for temperature five below to five above. flag hoisted immediately

Snow all night and until noon - from 5 to 8 p m the visibility was poor and streets and sidewalks slippery

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [illegible], (Date) JAN 22 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	12	12	9	7	4	2	1	3	4	7	9
State of weather: Nature of precipitation and time of beginning and ending		SDE 1:30										
Amounts of precipitation				0.2								
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)								1.00 0	0	0	0.8	1.0
Wind direction	NW	NW	W	W	N	W	W	W	W	W	W	W
Wind movement	5	4	5	8	7	7	7	6	5	5	5	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	12	12	9	5	2	1	-2	-3	-5	-6	-8
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Partly				Clear				
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9 0.1	0 0.77							
Wind direction	W	WSW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW
Wind movement	9	8	8	8	9	7	7	8	6	8	8	9

Sunrise: Time, 7:00 Character, Clear
Moonrise:
Sunset: Time, 4:46 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

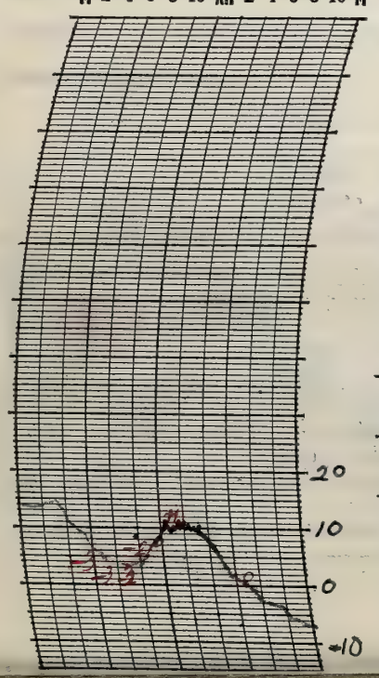
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
13	-8	2	

Total depth of snow for 24 hours ending 7 p. m., 6.0 inches.
Snow, sleet, and hail on ground 7 p. m., 6.0 inches.
Total snowfall, midnight to midnight, 0.3 inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.2 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 7.6 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 78
Prevailing wind direction, W Total wind, 166
Average hourly velocity, 6.9 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 10:11 pm
Reduced barometer, 30.38 7 a. m. 30.38 7 p. m.
River gage, 7.3 feet
Relative humidity, 76 7 a. m. 78 7 p. m.

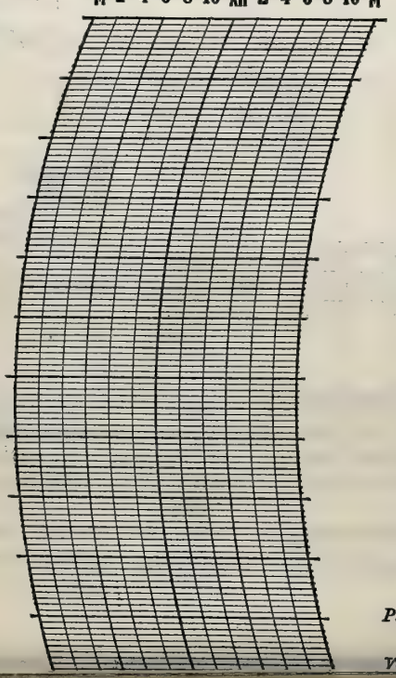
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 8.8 Wet temperature, 7.8
Dew-point, 7 R. humidity, 78 V. pressure, .047
Clouds: Amount, 6; Kind, cat; Direction, NW
Velocity of clouds (miles per hour)

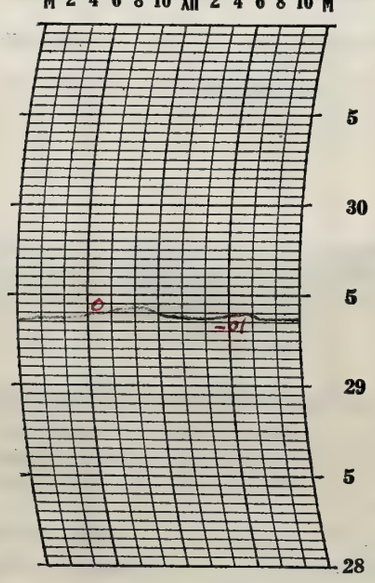
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by [illegible]

NOTES

Skies cleared after 2:00 a m and the day average from partly cloudy to clear

The cold wave warning was verified

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 23 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	-9	-9	-9	-9	-10	-10	-10	-7	-4	0	3	5
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← pt cldy					X	
Sunshine (in tenths of hours)							0.02 0	1.0 0	0.8 0.2	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	11	10	11	9	10	11	11	12	14	14	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	7	9	8	8	7	7	6	6	6	6	5	5
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2 0.8	0.78 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	14	14	14	10	11	14	13	15	13	15	13

Sunrise: Time, 6:59 Character, Clear

Moonrise:

Sunset: Time, 4:47 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
9	-10	0	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 5.9 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 9.8 Possible sunshine, hours, 9.8

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 297

Average hourly velocity, 12.4 Extreme velocity, 19

Maximum velocity, 18 Direction, SW

Time began, 1:12 p.m.

Reduced barometer, 30.29 7 a. m. 30.30 7 p. m.

River gage, 5.8 feet

Relative humidity, 79 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

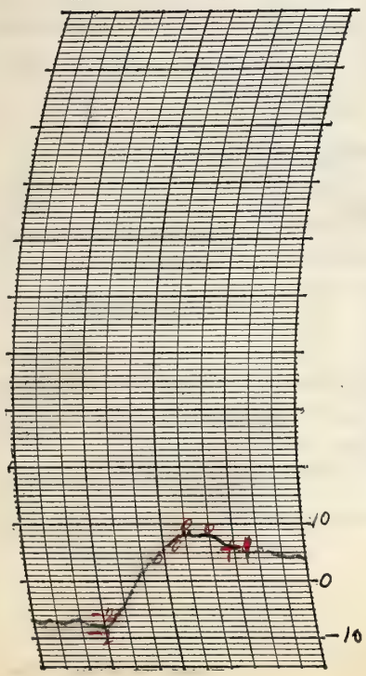
Dry temperature, 5.0 Wet temperature, 3.8

Dew-point, -2 R. humidity, 69 V. pressure, .034

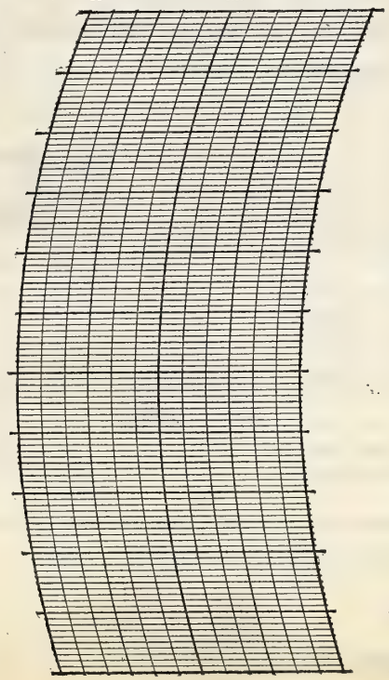
Clouds: Amount, 1; Kind, Ci St; Direction, W

Velocity of clouds (miles per hour)

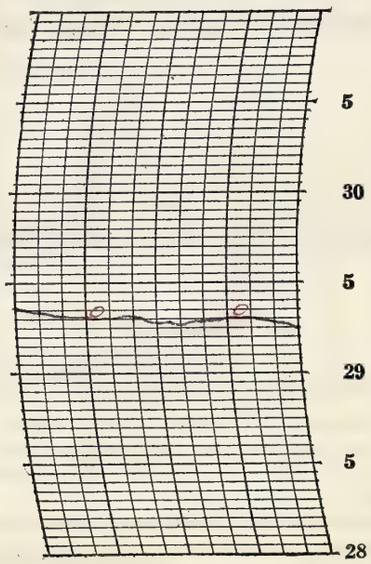
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

8—486

NOTES

Partly cloudy and cold in the morning and clear and cold in the afternoon

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 24 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	8	7	9	11	12	12	13	13	15	15	17
State of weather: Nature of precipitation and time of beginning and ending									SMB 8:10 SME 8:30			SMB 11:43
Amounts of precipitation									T			T
Cloudiness and other conditions						←				Cloudy		→
Sunshine (in tenths of hours)							0	0	0.3	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	12	13	13	14	14	13	13	16	14	18	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	19	19	17	16	16	16	16	17	17	17
State of weather: Nature of precipitation and time of beginning and ending		SME 2:00										SDB DNP
Amounts of precipitation	T	T										T
Cloudiness and other conditions			←		Cloudy				Clear			→
Sunshine (in tenths of hours)	0.4	0	0.2	0.1 0.9	0.80 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	17	16	15	13	13	14	13	15	16	19	18	13

Maximum velocities (exceeding 24 miles) direction and time

Sunrise: Time, 6:59 Character, Cloudy
Moonrise:

Sunset: Time, 4:48 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

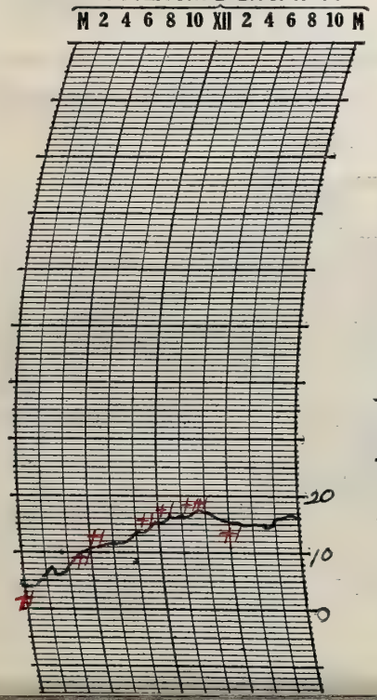
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
19	5	12	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 5.8 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.7 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 58
Prevailing wind direction, SW Total wind, 352
Average hourly velocity, 14.7 Extreme velocity, 25
Maximum velocity, 23 Direction, SW
Time began, 11:12 a. m.
Reduced barometer, 30.09 7 a. m., 30.06 7 p. m.
River gage, 4.6 fall
Relative humidity, 80 7 a. m. 83 7 p. m.

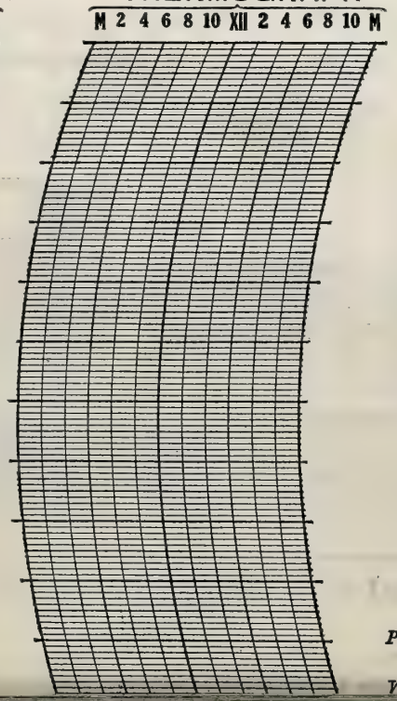
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 12.0 Wet temperature, 16.0
Dew-point, 13 R. humidity, 84 V. pressure, .074
Clouds: Amount, 1; Kind, stcu; Direction, SW
Velocity of clouds (miles per hour)

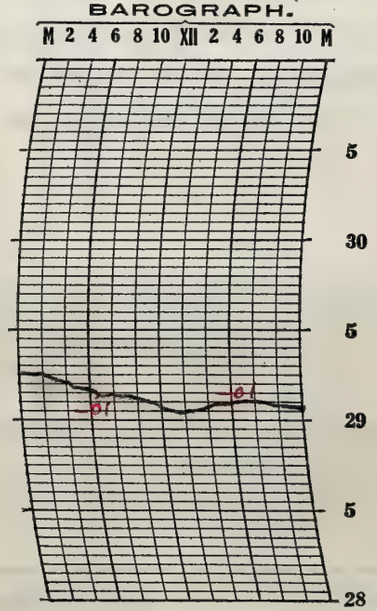
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ
Verified by O.L.H.

NOTES

Snow at intervals during the day streets slippery

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 25 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	18	19	17	17	16	15	15	16	16	18	19
	SD Cont			SDE DN2					SDB 8:50	SDE 10:00		
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation		0.1								T		
Cloudiness and other conditions							Clear	Pt Cldy	Cldy		Pt Cldy	Clear
Sunrise: Time, 6:58 Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)							0.03 0	0.5 0	0	0.3	1.0	1.0
Wind direction	SW	SW	SW	SW	W	SW	SW	SW	SW	W	W	W
Wind movement	15	13	13	12	11	10	11	12	12	14	15	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	18	17	15	13	10	9	8	7	6	4	3
		SDB 1:00	SDE 2:45									
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			T									
Cloudiness and other conditions	Pt Cldy	Cldy	Cloudy		Pt Cldy	Clear						
Sunset: Time, 4:49 Character, Clear												
Moonset:												
Sunshine (in tenths of hours)	1.0	0.4	0.1	0.2	0.2 0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	15	17	15	13	11	9	9	7	6	6	5	5

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

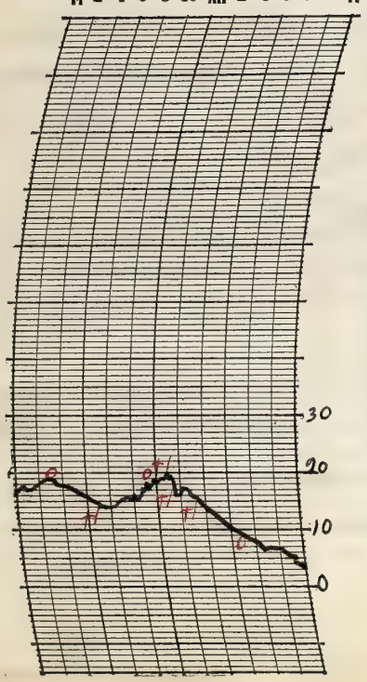
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
21	3	12	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 5.8 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., 0.1 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.1 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.7 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 48
Prevailing wind direction, W Total wind, 271
Average hourly velocity, 11.3 Extreme velocity, 22
Maximum velocity, 20 Direction, W
Time began, 10:06 a.m.
Reduced barometer, 30.07 7 a. m. 30.30 7 p. m.
River gage, 4.6 fal
Relative humidity, 86 7 a. m. 80 7 p. m.

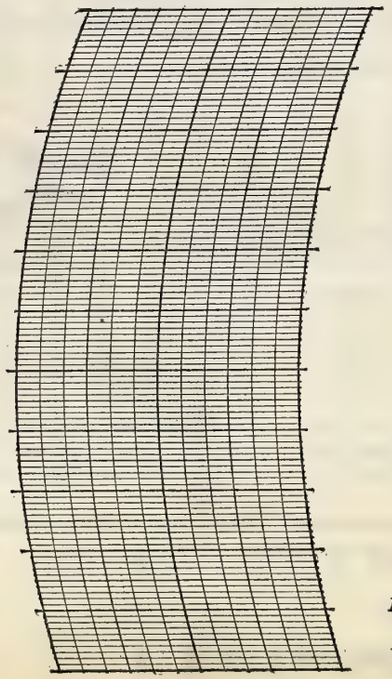
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 19.0 Wet temperature, 18.0
Dew-point, 15 R. humidity, 85 V. pressure, 08.1
Clouds: Amount, 3; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

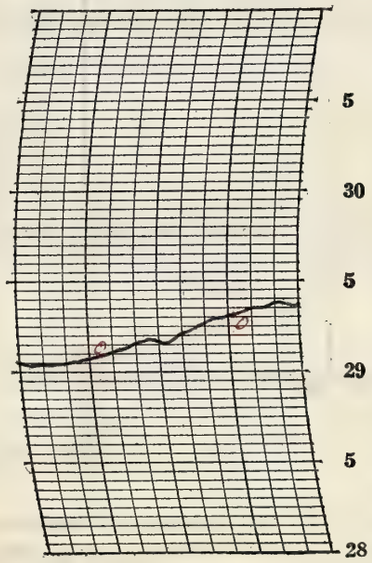
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

A light dry snow on top of the ice on streets and sidewalks made streets and sidewalks very slippery in the down town section cars skid very badly

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 26 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	2	0	1	1	0	0	1	1	7	9	12	14	16	18	20	20	19	19	20	20	20	22	23	24
State of weather: Nature of precipitation and time of beginning and ending														S M 1:40										S M end
Amounts of precipitation																	0.2					0.2		
Cloudiness and other conditions														Cloudy										
Sunrise: Time, 6:57 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 4:51 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.1	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	SE	SE	E	E	E	SE	SE	SE
Wind movement	5	5	3	2	3	3	3	5	5	7	5	7	7	7	6	5	3	2	3	4	4	3	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

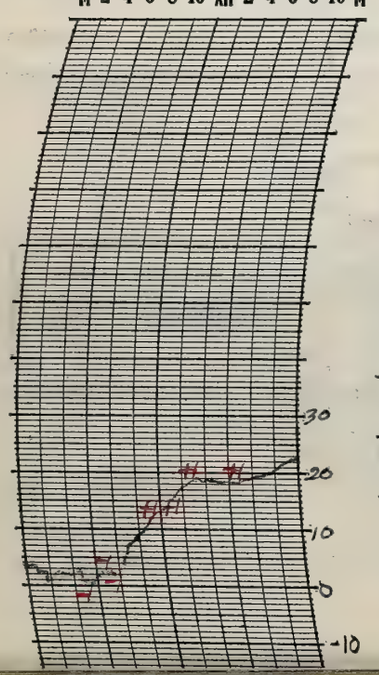
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
24	-1	12	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 6.0 inches.
Total snowfall, midnight to midnight, 0.6 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.2 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 1
Prevailing wind direction, S Total wind, 104
Average hourly velocity, 4.2 Extreme velocity, 10
Maximum velocity, 10 Direction, SE
Time began, 9:28 2 m
Reduced barometer, 30.38 7 a. m. 30.18 7 p. m.
River gage, 4.6 feet
Relative humidity, 87 7 a. m. 91 7 p. m.

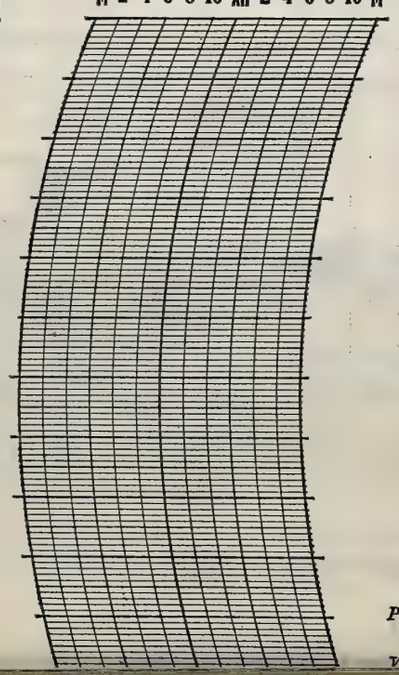
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 13.6 Wet temperature, 12.6
Dew-point, 10 R. humidity, 82 V. pressure, .063
Clouds: Amount, 10; Kind, st; Direction, S
Velocity of clouds (miles per hour)

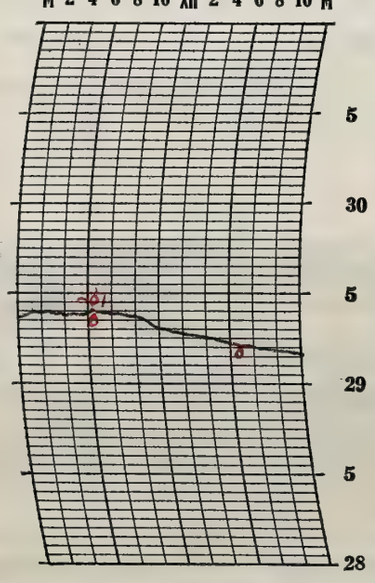
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

A light grainy snow fell during the afternoon and at night. In the down town sections the streets are very slippery and it was noticed that cars skid very badly.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 27 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	23	23	24	24	25	25	26	27	28	28	30	31	32	32	31	29	29	28	27	28	27	28
State of weather: Nature of precipitation and time of beginning and ending	SM cont		SM E 1/2					RB 7:05 RE 7:15																
Amounts of precipitation		0						T																
Cloudiness and other conditions							← ff X Dense Fog																	
							Fog																	
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	N	N	NW	NW	NW	NW	NW	N	N	N	SW	SW	SW
Wind movement	2	2	2	2	2	3	1	2	3	3	2	5	4	4	5	5	4	2	2	2	1	3	4	6

Cloudy

Sunrise: Time, 6:56 Character, Cloudy

Moonrise:

Sunset: Time, 4:52 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	23	27	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.

Snow, sleet, and hail on ground 7 p. m., 5.0 inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.1 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 8.9

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind, 71

Average hourly velocity, 3.0 Extreme velocity, 7

Maximum velocity, 7 Direction, SW

Time began, 11:45 pm

Reduced barometer, 30.05 a. m. 30.00 p. m.

River gage, 4.4 feet

Relative humidity, 94 a. m. 86 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

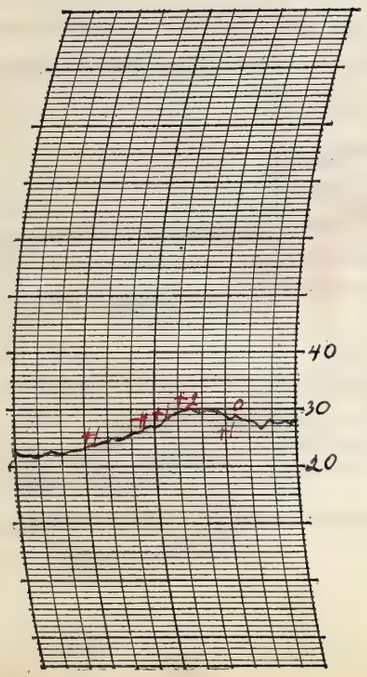
Dry temperature, 28.2 Wet temperature, 27.8

Dew-point, 27 R. humidity, 95 V. pressure, .143

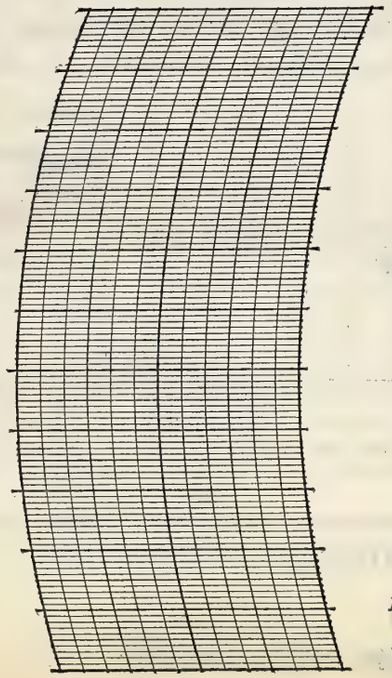
Clouds: Amount, 10; Kind, st; Direction, N

Velocity of clouds (miles per hour)

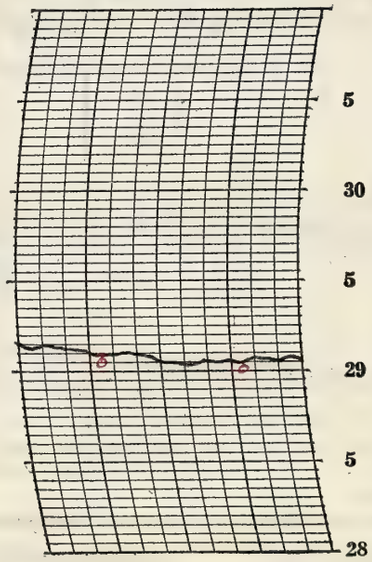
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

Slight melting took place about noon then froze and made all streets very slippery.

Light fog 5:40 a m to 7:10 a m

Dense fog 7:10 a m to 10:50 a m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 28 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	27	27	27	27	26	24	22	21	21	20	21	22	21	20	19	17	15	14	12	12	11	9
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cly	X	Pcldy	X				Clear											→
Sunshine (in tenths of hours)							0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	0.4 (0.6)	0 (0.8)							
Wind direction	SW	SW	SW	SW	SW	W	W	W	SW	SW	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW
Wind movement	9	9	10	9	8	9	9	11	11	10	14	16	18	18	19	14	10	8	10	11	8	7	7	8
Maximum velocities (exceeding 25 miles) direction and time																								

Sunrise: Time, 6:55 Character, Cloudy
Moonrise:
Sunset: Time, 4:53 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

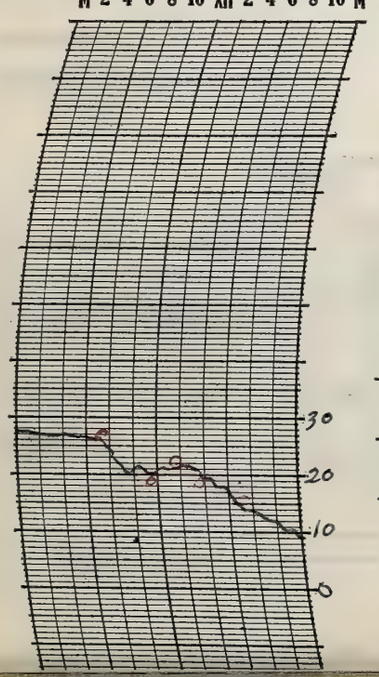
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	9	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 4.8 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 7.5 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 75
Prevailing wind direction, W Total wind, 263
Average hourly velocity, 11.0 Extreme velocity, 23
Maximum velocity, 22 Direction, W
Time began, 1:25 p.m.
Reduced barometer, 29.99 7 a. m. 30.31 7 p. m.
River gage, 4.4 feet
Relative humidity, 82 7 a. m. 84 7 p. m.

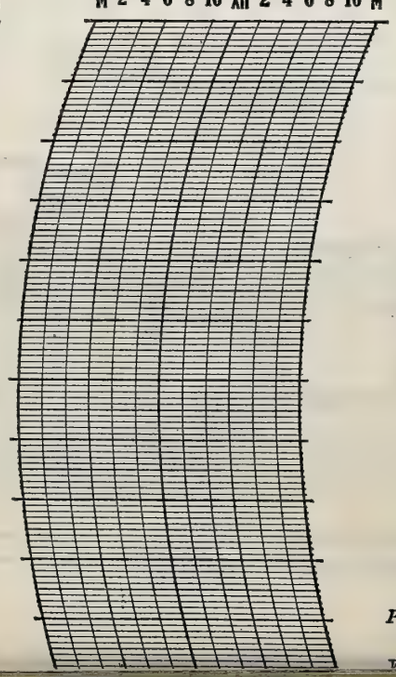
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 20.2 Wet temperature, 18.9
Dew-point, 16 R. humidity, 81 V. pressure, .085
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

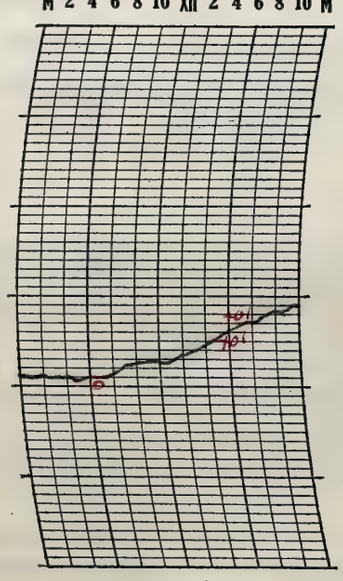
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

a mostly clear beautiful day. Streets remained covered with ice in many sections of the city and sidewalks are very slippery in many of the down town sections. Several people fell and were hurt while crossing street intersections

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) JAN 29 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	7	7	6	5	5	4	5	5	9	13	17	19	20	21	22	23	21	20	18	18	17	16	15	14
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← clear				X	Pt Cldy		X	Cloudy					X	Pt Cldy				→
Sunshine (in tenths of hours)							0.08 0	1.0 0	0.2	1.0	1.0	0.5	0	0	0.5	0.1	0							
Wind direction	SW	SW	W	W	W	W	W	W	NW	NW	NW	N	NE	SE	SE	S	S	S	S	S	S	S	S	S
Wind movement	7	7	8	6	5	4	4	3	4	4	3	3	3	2	3	4	6	5	6	5	5	5	3	3

Sunrise: Time, 6:55 Character, Clear

Moonrise: ____ ____

Sunset: Time, 4:54 Character, Cloudy

Moonset: ____ ____

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	4	14	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 4.6 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cldy Moon phase, ____

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 4.4 Possible sunshine, hours, 10.0

Per cent of possible sunshine, 44

Prevailing wind direction, S Total wind, 108

Average hourly velocity, 7.5 Extreme velocity, 9

Maximum velocity, 9 Direction, W

Time began, 2:16 a.m.

Reduced barometer, 30.48 7 a. m. 30.41 7 p. m.

River gage, 4.2 feet

Relative humidity, 79 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

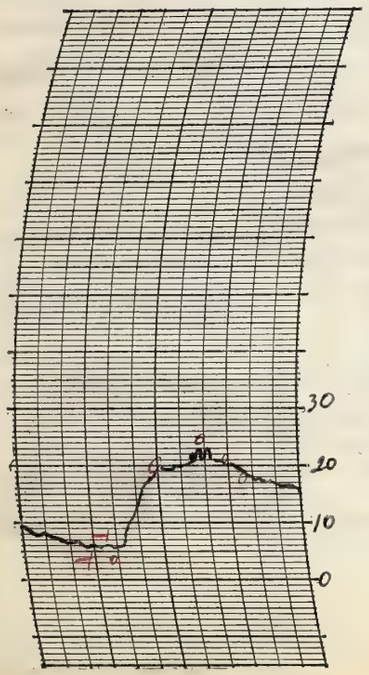
Dry temperature, 19.1 Wet temperature, 18.0

Dew-point, 15 R. humidity, 84 V. pressure, .081

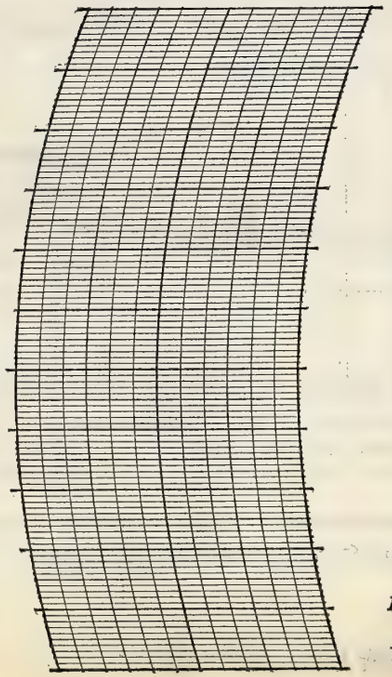
Clouds: Amount, 7; Kind, cu; Direction, NW.

Velocity of clouds (miles per hour)

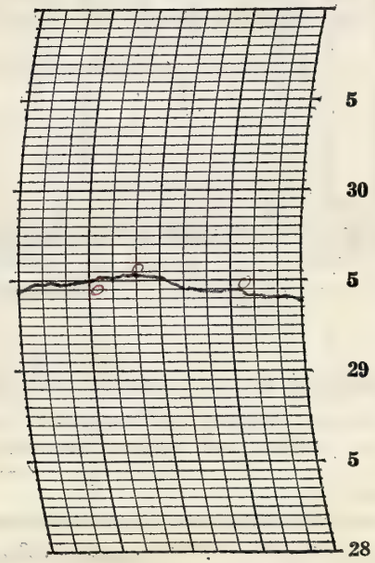
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJL

Verified by E.P.H.

8—486

NOTES

a partly cloudy to cloudy cold day. Streets and sidewalks continued covered with frozen snow and ice. Street intersections continue in bad condition

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) [illegible], (Date) JAN 30 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	7	6	8	6	5	4	6	14	18	21	23	26	28	29	29	28	26	25	25	25	25	23	23
State of weather: Nature of precipitation and time of beginning and ending																						SM 9:30		SM Cont
Amounts of precipitation																						← 0.3 →		
Cloudiness and other conditions						← Cldy		— X	Pt	Cldy			— X	— Cldy			— X		— Pt	Cldy				
Sunshine (in tenths of hours)							0	0	0	0.7	1.0	1.0	1.0	0.7	0.3	0.2	0							
Wind direction	SE	SE	SE	SE	SE	0	SE	0	SE	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	1	1	1	1	1	0	1	0	3	8	9	7	8	10	10	9	9	9	8	11	11	11	10	10

Sunrise: Time, 6:54 Character, Foggy
Moonrise:
Sunset: Time, 4:55 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

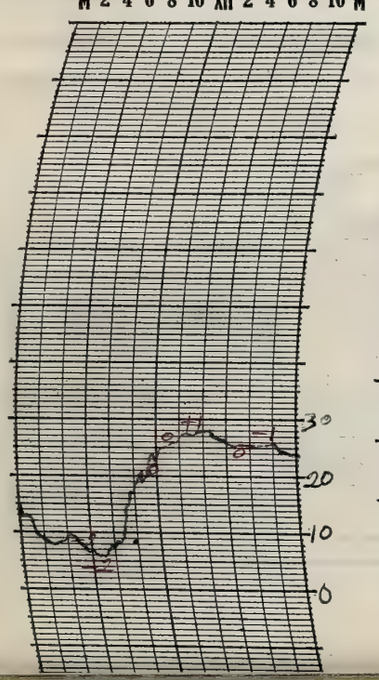
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	4	16	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 4.4 inches.
Total snowfall, midnight to midnight, 0.3 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.9 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 49
Prevailing wind direction, S Total wind, 149
Average hourly velocity, 6.2 Extreme velocity, 14
Maximum velocity, 14 Direction, S
Time began, 7:18 p.m.
Reduced barometer, 30.30 7 a. m. 30.10 7 p. m.
River gage, 4.0 feet
Relative humidity, 94 7 a. m. 80 7 p. m.

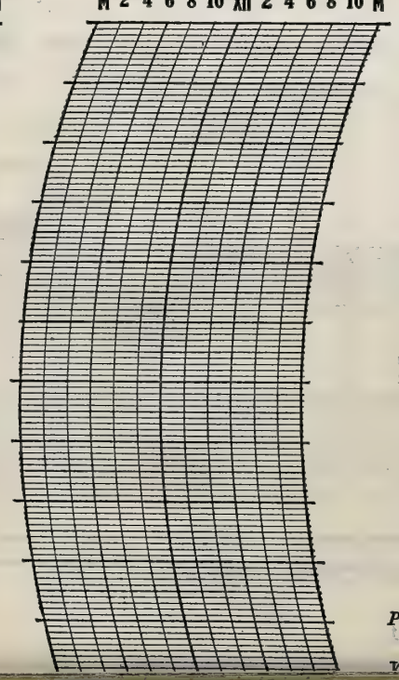
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 22.6 Wet temperature, 20.3
Dew-point, 14 R. humidity, 68 V. pressure, .077
Clouds: Amount, 5; Kind, cist; Direction, SW
Velocity of clouds (miles per hour)

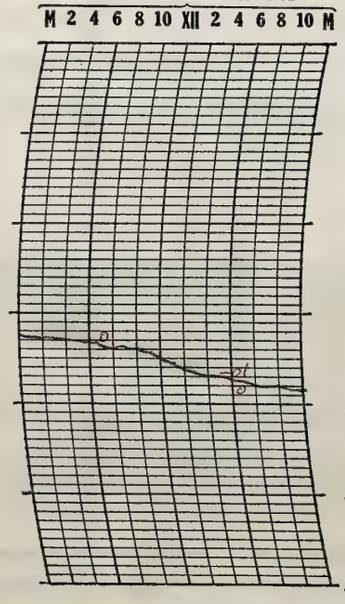
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by [illegible]

NOTES

Streets and sidewalks continue slippery in many sections, in fact there has been little change in ice conditions during the past week. A very dense fog and smoky condition prevailed over the downtown section from 5:20 a.m. until 8:40 a.m. As soon as the fog and smoke lifted the sky was clear.

Dense fog 5:20 a - 8:40 a

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 31 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	24	22	21	21	21	18	18	19	23	24	25	26	26	26	26	26	26	26	26	25	24	24
State of weather: Nature of precipitation and time of beginning and ending	SM cont		SME DN2			SME 5:50	SMB 6:20																	
Amounts of precipitation				T																				
Cloudiness and other conditions												Cloudy												
Sunrise: Time, 6:53 Character, Cloudy																					Sunset: Time, 4:57 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0.4	1.0	1.0	1.0	1.0	0.7	0	0	0							
Wind direction	SW	W	W	W	W	W	SW	SW	SW	SW	SW	W	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	10	12	12	11	8	8	8	9	9	9	9	10	12	10	9	8	7	9	11	10	9	10	7
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	17	22	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.
Snow, sleet, and hail on ground 7 p. m., 4.4 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 5.1 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 50
Prevailing wind direction, SW Total wind, 225
Average hourly velocity, 9.4 Extreme velocity, 16
Maximum velocity, 15 Direction, W
Time began, 2:21 2 m
Reduced barometer, 30.15 7 a. m. 30.25 7 p. m.
River gage, 3.8 fast
Relative humidity, 86 7 a. m. 82 7 p. m.

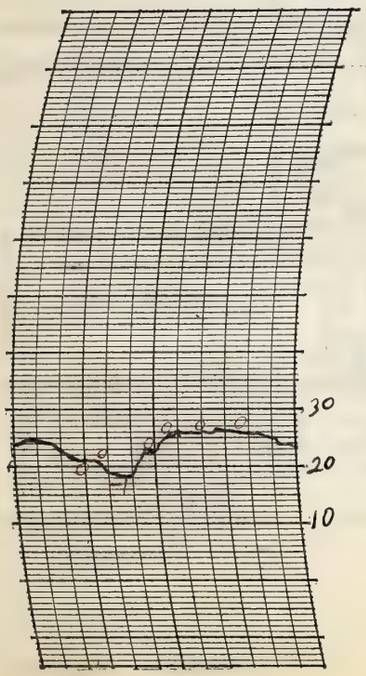
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

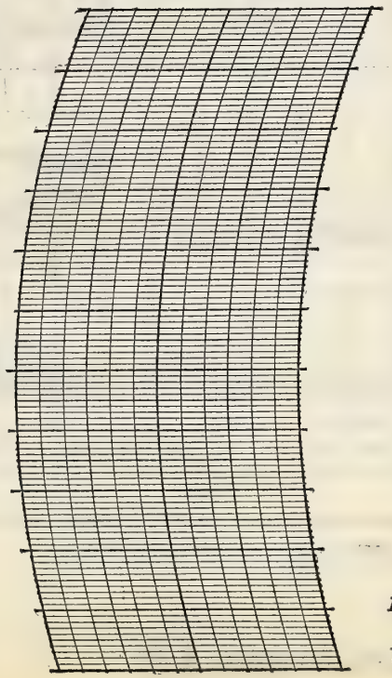
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 24.0 Wet temperature, 23.0
Dew-point, 21 R. humidity, 87 V. pressure, .108
Clouds: Amount, 8; Kind, 2 Cu; Direction, W
Velocity of clouds (miles per hour)

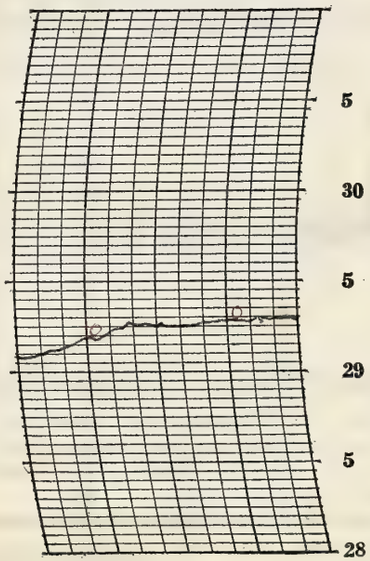
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by G.
Verified by E.L.H.

8—486

NOTES

Streets remained slippery and the packed snow and ice on the sidewalks continued in many parts of the city.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) _____, (Date) FEB 1 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	22	23	23	25	25	26	26	28	32	35	37	38	39	39	38	37	36	36	36	34	33	32	31
State of weather: Nature of precipitation and time of beginning and ending		SDB DN2 T	SDF DN2 T																					
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy							X Pr Cldy X Cloudy											→
Sunshine (in tenths of hours)							0	0	0	0	0	0.9	0.9	0.8	0.4	0	0							
Wind direction	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	5	5	6	5	5	7	9	10	9	11	12	12	13	11	10	9	10	10	12	14	12	10	10
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:52 Character, Cloudy
Moonrise: _____

Sunset: Time, 4:58 Character, Cloudy
Moonset: _____

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

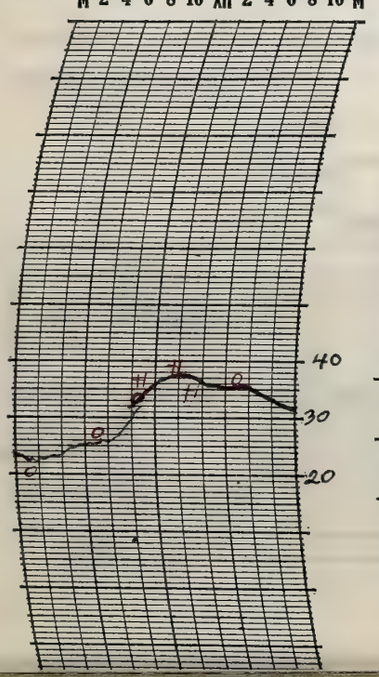
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	22	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 3.4 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 30 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 30
Prevailing wind direction, SW Total wind, 223
Average hourly velocity, 9.3 Extreme velocity, 17
Maximum velocity, 17 Direction, SW
Time began, 1:16 pm.
Reduced barometer, 30.21 7 a. m. 29.91 7 p. m.
River gage, 3.6 feet
Relative humidity, 69 7 a. m. 52 7 p. m.

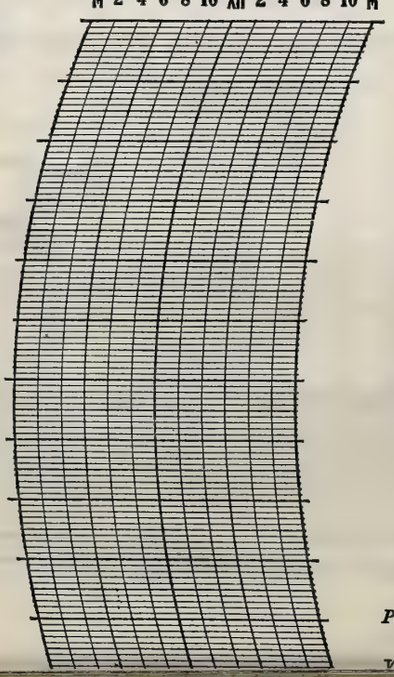
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.0 Wet temperature, 31.7
Dew-point, 23 R. humidity, 56 N. pressure, 11.8
Clouds: Amount, 5 ; Kind, Ci St ; Direction, W
Velocity of clouds (miles per hour) _____

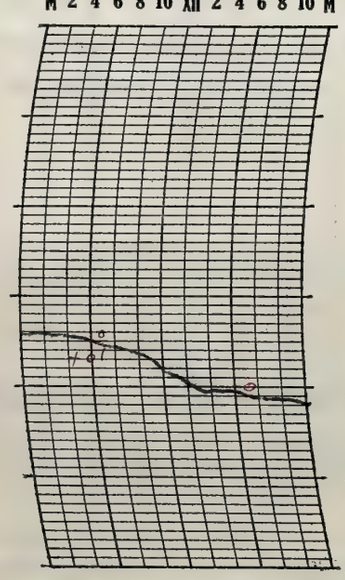
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. H.
Verified by E. H.

NOTES

A mild mostly cloudy day. Much of the ice and packed snow disappeared from streets and sidewalks. Water ran down the streets.
22° Solar halo observed

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 2 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	28	27	27	28	25	29	32	34	37	39
Nature of precipitation and time of beginning and ending										RB 9:25 RE 9:40		
Amounts of precipitation										T		
Cloudiness and other conditions	← Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	10	10	9	9	9	10	9	10	12	12	14	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	37	37	28	28	32	37	32	27	27	26	36
Nature of precipitation and time of beginning and ending	RB 12:10			RE 3:40								
Amounts of precipitation	T	T	T	T								
Cloudiness and other conditions												→
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	19	15	11	10	9	10	9	8	9	8	7

State of weather.

Sunrise: Time, 6:51 Character, Cloudy

Moonrise:

Sunset: Time, 4:59 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	27	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 1.0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.1

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 254

Average hourly velocity, 10.6 Extreme velocity, 28

Maximum velocity, 24 Direction, SW

Time began, 1:27 p.m.

Reduced barometer, 29.82 7 a. m. 29.68 7 p. m.

River gage, 3.4 feet

Relative humidity, 88 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

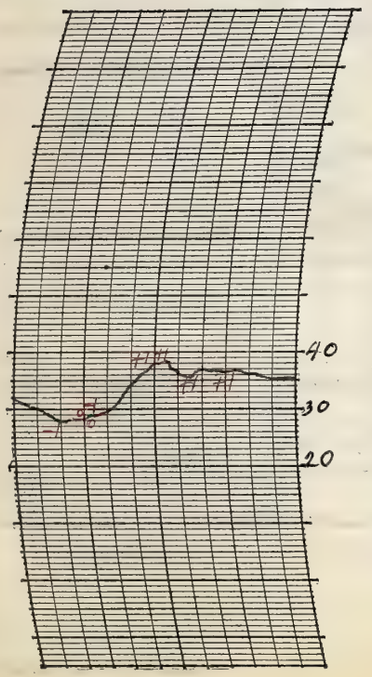
Dry temperature, 38.8 Wet temperature, 33.8

Dew-point, 26 R. humidity, 60 V. pressure, .143

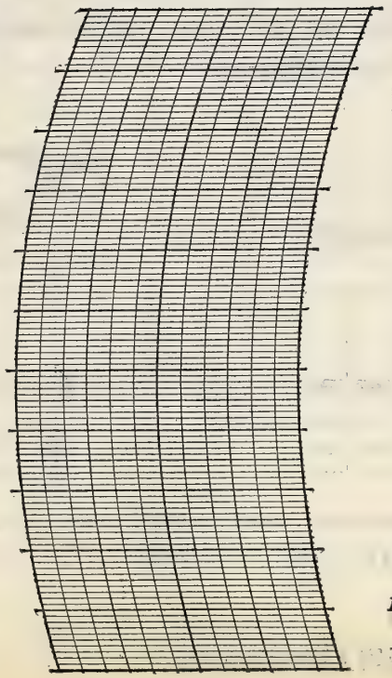
Clouds: Amount, 10; Kind, St; Direction, SW

Velocity of clouds (miles per hour)

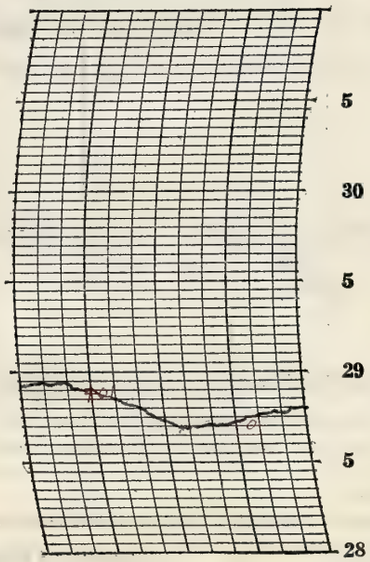
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

A cloudy day, with a light mist during the afternoon—conditions not favorable for flying. Streets as a rule continue covered with ice and packed snow.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	36	36	35	35	35	35	36	36	36	36	36	37	37	38	40	38	38	37	36	35	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Cloudy								X Pt Cldy	X		Pt Cldy				→
Sunrise: Time 6:50 Character Cloudy																					Sunset: Time 5:01 Character Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0.6	0.6	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	W	SW	SW	SW	SW	S	S	S	S	SE	E	E	E	E	E
Wind movement	8	9	9	7	8	6	5	6	6	5	6	6	6	7	6	6	3	2	2	4	3	4	2	3
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

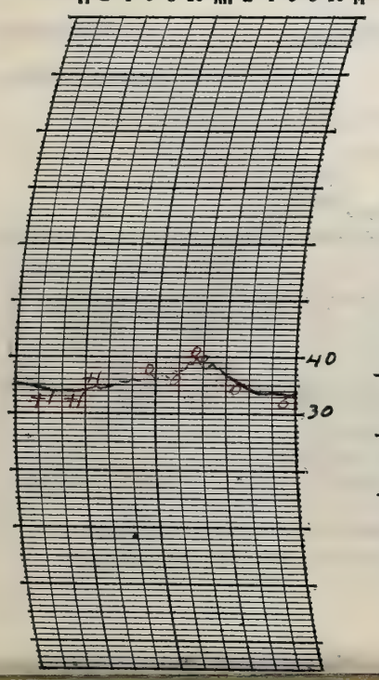
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	40	33	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.2 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 12
Prevailing wind direction, SW Total wind, 129
Average hourly velocity, 5.4 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 1:45 2 m.
Reduced barometer, 29.89 7 a. m. 29.99 7 p. m.
River gage, 3.4 feet
Relative humidity, 87 7 a. m. 92 7 p. m.

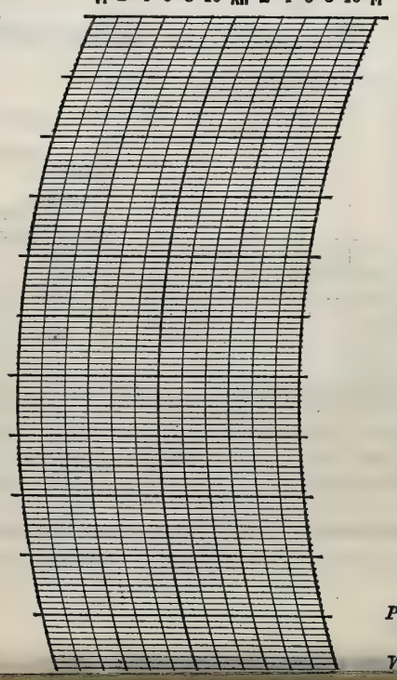
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.2 Wet temperature, 36.7
Dew-point, 36 R. humidity, 95 V. pressure, .211
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

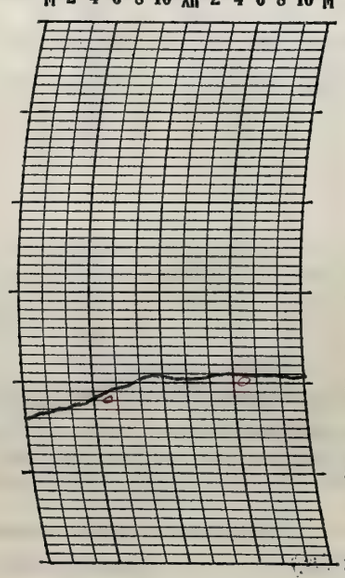
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

A cloudy, threatening day. The snow and ice thawed during the day but froze on the sidewalks, shortly after 5:00 pm and streets were very slippery during the evening. The sun shone for a short while during the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 4 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	35	34	34	35	34	35	35	36	36	37	38	39	38	37	34	33	33	32	31	31	30	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Fog					Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.2	0	0.2	0	0						
Wind direction	E	E	E	E	E	E	NE	E	NE	NE	NE	N	N	N	N	N	N	N	N	N	N	N	N	NW
Wind movement	1	1	1	2	1	1	4	4	4	6	7	9	11	10	10	7	11	9	7	8	7	6	4	5

Sunrise: Time, 6:49 Character, Cloudy

Moonrise:

Sunset: Time, 5:02 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	30	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.4 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 4

Prevailing wind direction, N Total wind, 136

Average hourly velocity, 5.7 Extreme velocity, 13

Maximum velocity, 13 Direction, N

Time began, 4:36 p.m.

Reduced barometer, 29.88 7 a. m. 29.88 7 p. m.

River gage, 3.0 fall

Relative humidity, 90 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

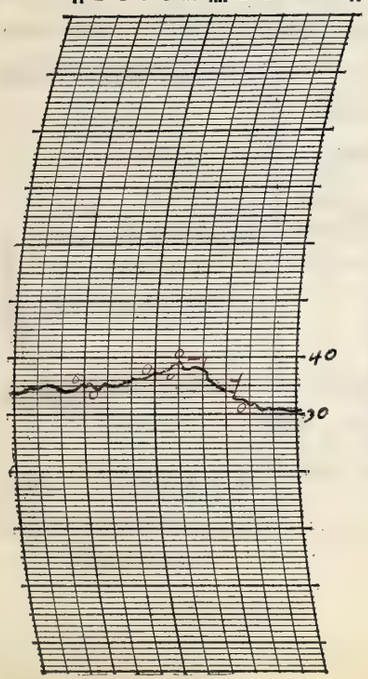
Dry temperature, 36.6 Wet temperature, 36.1

Dew-point, 36 R. humidity, 95 V. pressure, .211

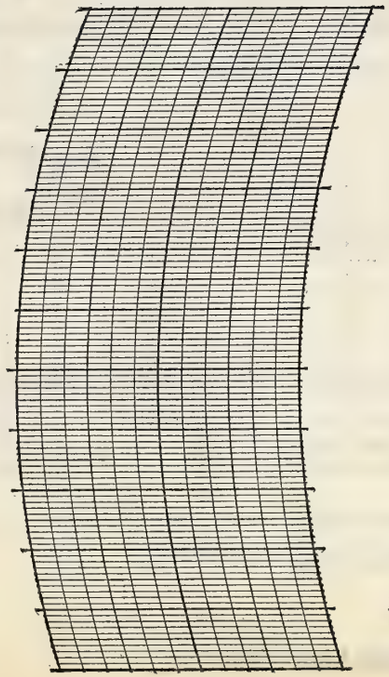
Clouds: Amount, 10; Kind, st; Direction, N

Velocity of clouds (miles per hour)

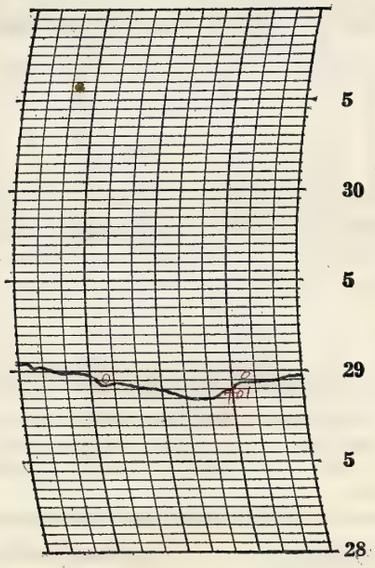
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by C.J.H.

8—486

NOTES

Light Fog 7:20 a to 8:40 a

A cloudy day with some light fog in the morning very unfavorable for flying until late in the afternoon. After sunset the streets (generally speaking) became glazed over and very slippery.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) FEB 5 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	30	30	30	30	31	31	31	30	31	31	31	31	31	31	31	32	31	31	31	31	31
State of weather: Nature of precipitation and time of beginning and ending																RB 3:30 RE 4:00								
Amounts of precipitation																T								
Cloudiness and other conditions						←					Cloudy													→

Sunrise: Time, 6:48 Character, Cloudy
Moonrise: ____ ____

Sunset: Time, 5:03 Character, Cloudy
Moonset: ____ ____

Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NW	NW	NW	NW	W	SW	SW	S	SW	SW	SW	W	W	W	W	W	W	W	SW	W	W	SW	SW	SW
Wind movement	5	4	4	5	3	3	4	5	6	8	8	6	7	9	9	7	6	6	5	5	6	4	5	3
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

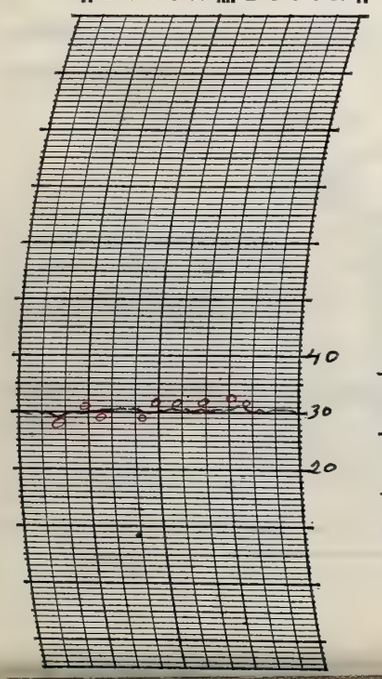
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	29	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 133
Average hourly velocity, 5.5 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 9:34 a.m.
Reduced barometer, 29.91 7 a. m. 29.95 7 p. m.
River gage, 4.4 feet
Relative humidity, 87 7 a. m. 90 7 p. m.

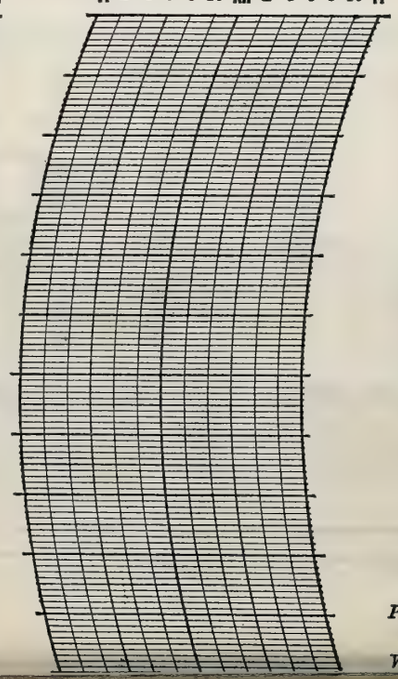
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.2 Wet temperature, 30.4
Dew-point, 30 R. humidity, 90 V. pressure, .164
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour) ____

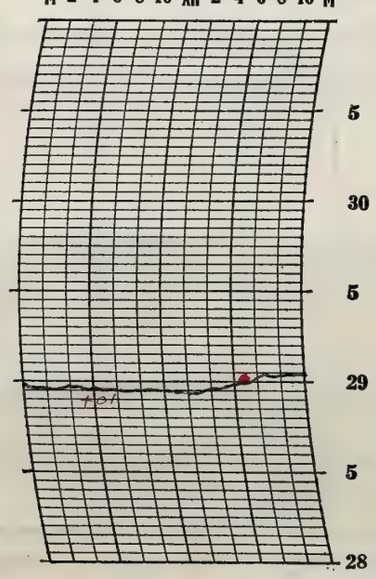
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by C.L.H.

NOTES

A very thin ice glaze formed on most streets during the early morning and streets (in most sections) were very slippery until about 10:00 a.m. They again became quite slippery about 5:00 p.m. A cloudy, gloomy day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 6 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	24	22	22	22	22	22	22	24	27	30	32	33	33	34	35	35	36	36	36	36	36	36	35
State of weather: Nature of precipitation and time of beginning and ending		SMB DNa								SME 10:00														
Amounts of precipitation				0.3				T	T	T														
Cloudiness and other conditions												Cloudy												
Sunrise: Time, 6:47 Character, Cloudy																					Sunset: Time, 5:04 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SW	NE	E	E	E	E	E	E	E	SE	SE	S	S	S	S	S	S	S	S	S	S	SW	W	W
Wind movement	3	7	5	5	4	5	4	4	3	4	6	12	12	12	9	8	6	5	5	7	5	7	6	6
Maximum velocities (exceeding 24 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

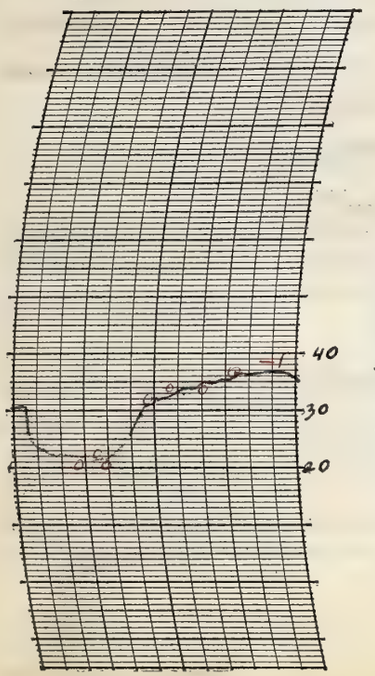
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	22	29	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0.3 inches.
Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 150
Average hourly velocity, 6.2 Extreme velocity, 19
Maximum velocity, 17 Direction, S
Time began, 12:20 p.m.
Reduced barometer, 30.01 7 a. m. 29.89 7 p. m.
River gage, 4.8 feet
Relative humidity, 86 7 a. m. 89 7 p. m.

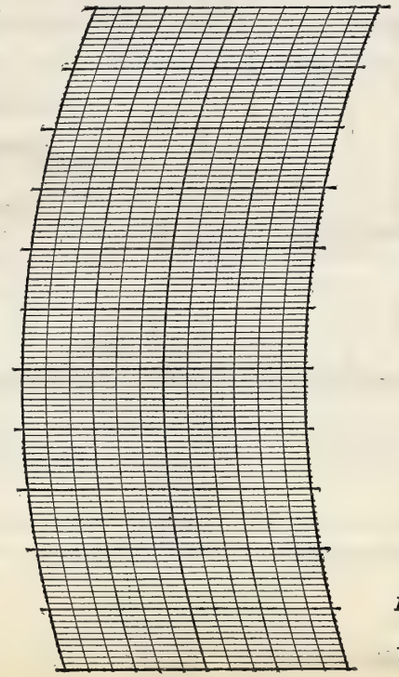
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.9 Wet temperature, 31.0
Dew-point, 30 R. humidity, 91 V. pressure, .164
Clouds: Amount, 10; Kind, st; Direction, S
Velocity of clouds (miles per hour)

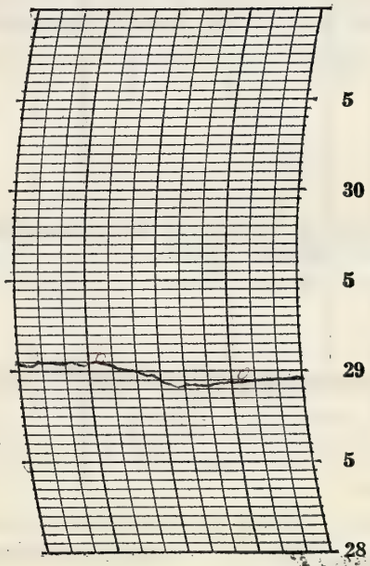
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by G.H.
Verified by E.L.H.

8—486

NOTES

The snow began some time after midnight. A cloudy threatening day, unfavorable flying conditions. Considerable ice and snow on many streets and sidewalks.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	31	32	33	33	32	30	29	30	30	30	32	34	34	34	32	31	30	30	29	28	28	29
State of weather: Nature of precipitation and time of beginning and ending						RB 5:40		RE 7:40																
Amounts of precipitation						T	T	T																
Cloudiness and other conditions						←			Cloudy						x Pt Cldy		x Cldy		Pt Cldy					→
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.6	1.0	0.9	0.4	0	0						
Wind direction	NW	NW	NW	NW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	SW	SW	SW	SW	W
Wind movement	7	6	9	5	6	6	10	14	11	11	11	9	9	8	10	9	9	8	5	6	8	10	9	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:45 Character, Cloudy
Moonrise:
Sunset: Time, 5:05 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

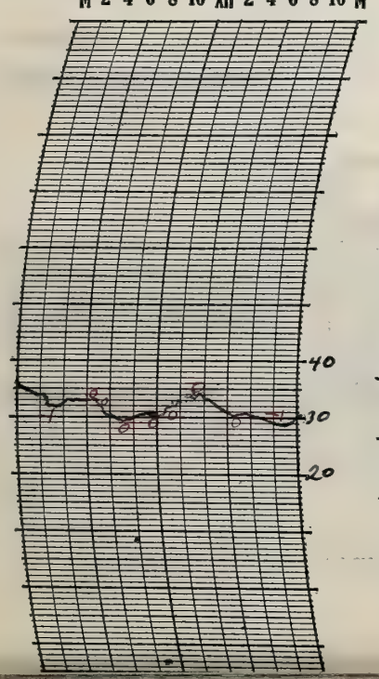
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	28	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.9 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 28
Prevailing wind direction, NW Total wind, 204
Average hourly velocity, 8.5 Extreme velocity, 19
Maximum velocity, 18 Direction, NW
Time began, 7:05 2m
Reduced barometer, 29.89 7 a. m. 30.03 7 p. m.
River gage, 4.5 feet
Relative humidity, 95 7 a. m. 82 7 p. m.

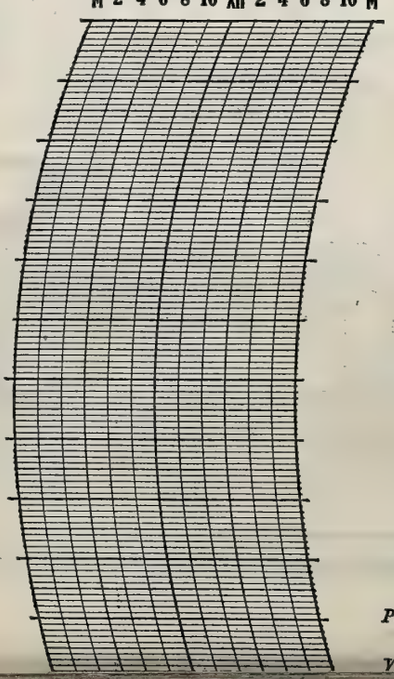
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.2 Wet temperature, 29.5
Dew-point, 28 R. humidity, 93 V. pressure, 150
Clouds: Amount, 10; Kind, St Direction, NW
Velocity of clouds (miles per hour)

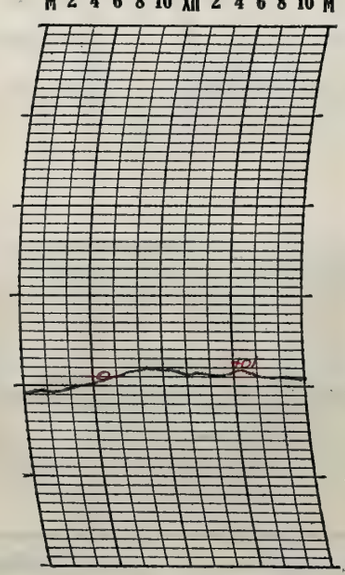
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

A mostly cloudy day and threatening. Mostly low ceilings and only fair visibility. Many streets in the down town sections and some sidewalks remain quite slippery. Nearly all side streets are ice covered.

Form No. 1014-Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	30	30	30	30	29	29	30	31	32	33
Nature of precipitation and time of beginning and ending		SDB DNa	SDE DNa									
Amounts of precipitation		T	T									
Cloudiness and other conditions						Cldy	X	Part	Cloudy	X		
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	0.7
Wind direction	W	W	W	W	NW	NW	NW	NW	W	W	W	W
Wind movement	10	7	10	10	11	9	7	8	9	11	10	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	36	37	37	34	33	33	32	33	33	34	35
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear	X	Pt Cldy					
Sunshine (in tenths of hours)	0.8	1.0	1.0	1.0	0.9 0.1	0.12 0						
Wind direction	W	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	8	9	12	10	10	9	7	8	8	10	9	11

State of weather.

Sunrise: Time, 6:44; Character, Cloudy. Moonrise:

Sunset: Time, 5:07; Character, Clear. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

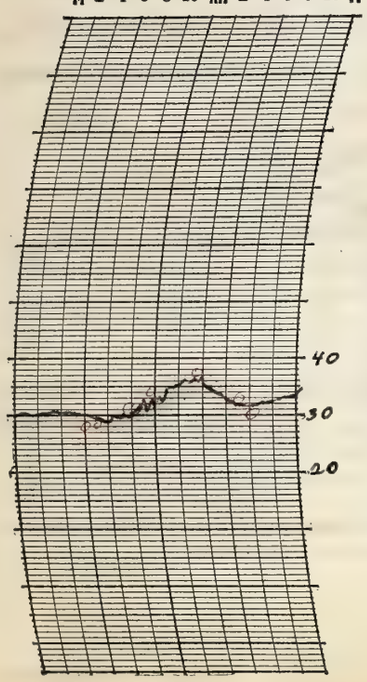
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	29	33	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.2 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 79
Prevailing wind direction, W Total wind, 221
Average hourly velocity, 9.2 Extreme velocity, 14
Maximum velocity, 14 Direction, SW
Time began, 2:30 pm
Reduced barometer, 30.09 7 a. m. 30.12 7 p. m.
River gage, 4.2 feet
Relative humidity, 89 7 a. m. 64 7 p. m.

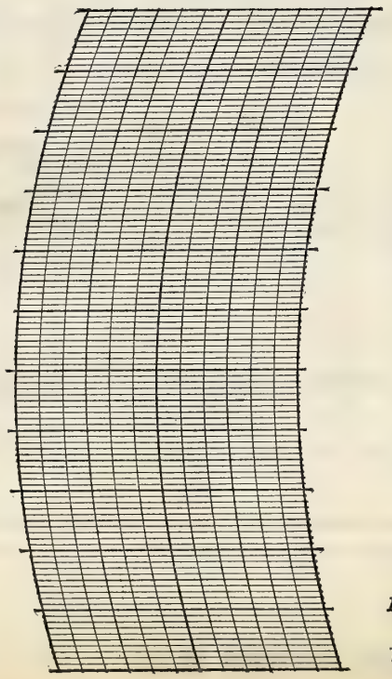
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 33.4 Wet temperature, 29.2
Dew-point, 22 R. humidity, 60 V. pressure, .113
Clouds: Amount, 5; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

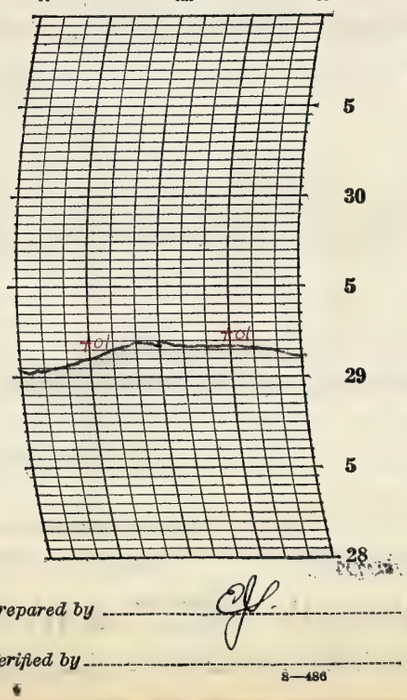
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJL

Verified by

8—486

NOTES

Faint 22° lunar halo observed in the night.

Fair flying conditions in the morning and very good flying weather in the afternoon. The afternoon was very pleasant. Some ice and snow still remains on a few streets and some sidewalks.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 9 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	37	38	39	40	40	40	40	41	40	39	37	34	33	33	34	33	33	33	32	32	32	32
Nature of precipitation and time of beginning and ending													RB 12:05	RE 1:30 SMB 1:30	SME 2:30									
Amounts of precipitation													T	T	T									
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	W	W	W	SW	SW	W	SW	W	W	W	SW	W	W
Wind movement	10	10	10	12	14	16	13	14	17	14	12	12	14	13	15	18	14	14	12	17	17	12	15	18

Cloudy

Sunrise: Time, 6:43 Character, Cloudy

Moonrise:

Sunset: Time, 5:08 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	32	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.4

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind, 333

Average hourly velocity, 13.9 Extreme velocity, 24

Maximum velocity, 23 Direction, W

Time began, 11:39 p.m.

Reduced barometer, 29.83 7 a.m. 29.93 7 p.m.

River gage, 4.2 feet

Relative humidity, 68 7 a.m. 71 7 p.m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

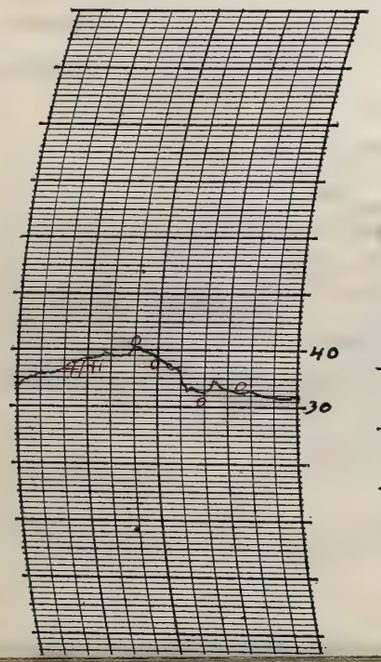
Dry temperature, 39.4 Wet temperature, 36.9

Dew-point, 33 R. humidity, 80 V. pressure, .182

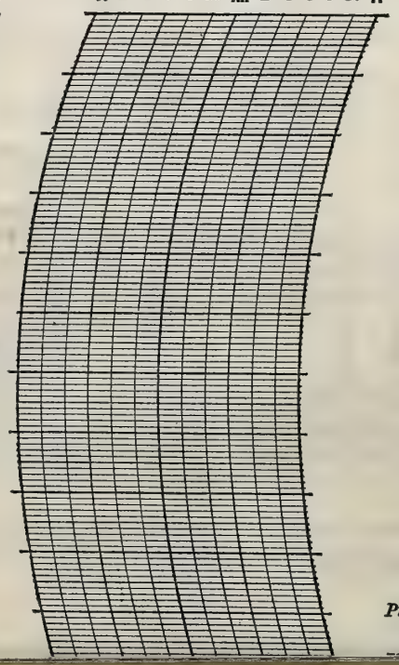
Clouds: Amount, 10; Kind, st; Direction, W

Velocity of clouds (miles per hour)

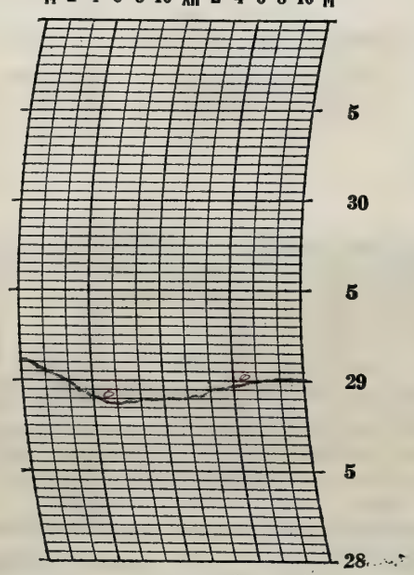
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by JH

NOTES

Cloudy, threatening day, low ceilings and poor visibility, unfavorable flying conditions. Considerable ice and snow remains on some streets and sidewalks.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 1 0 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	29	27	26	25	25	25	25	24	23	23
State of weather: Nature of precipitation and time of beginning and ending		SM B DN2	SM E DN2				SM B 6:45				SM E 10:05	SM B 11:30
Amounts of precipitation		T	T				T	T	T	T	T	T
Cloudiness and other conditions											Cloudy	
Sunshine (in tenths of hours)							0	0	0	0	0.1	0.4
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	17	23	17	17	20	18	16	16	15	14	16	15
Maximum velocities (exceeding 24 miles) direction and time		29 W 1:41			27 W 4:05							

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	24	24	23	22	22	22	20	20	19	20
State of weather: Nature of precipitation and time of beginning and ending		SM E 2:00										
Amounts of precipitation	T	T										
Cloudiness and other conditions				Cloudy		Clear						
Sunshine (in tenths of hours)	0	0	0.7	0.5 0.4	1.0 0	0.15 0						
Wind direction	W	W	W	W	W	W	NW	NW	NW	NW	NW	SE
Wind movement	14	13	14	13	9	8	4	4	4	3	1	2

Sunrise: Time, 6:42 Character, Cloudy

Moonrise:

Sunset: Time, 5:09 Character, Clear

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	19	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 3.2 Possible sunshine, hours, 10.4

Per cent of possible sunshine, 31

Prevailing wind direction, W Total wind, 293

Average hourly velocity, 12.2 Extreme velocity, 31

Maximum velocity, 29 Direction, W

Time began, 1:41 2 m.

Reduced barometer, 30.06 7 a. m. 30.29 7 p. m.

River gage, 4.2 feet

Relative humidity, 81 7 a. m. 23 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

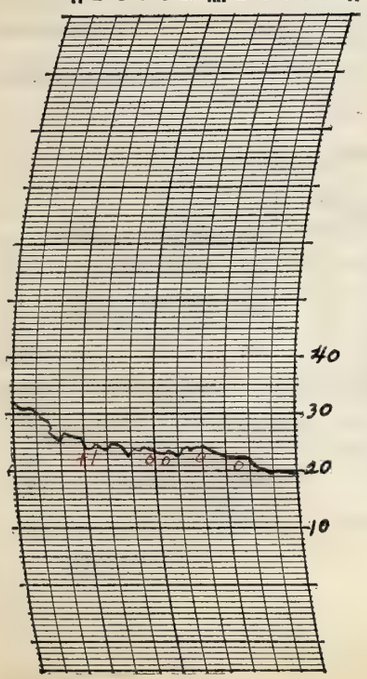
Dry temperature, 23.3 Wet temperature, 21.5

Dew-point, 17 R. humidity, 76 V. pressure, .089

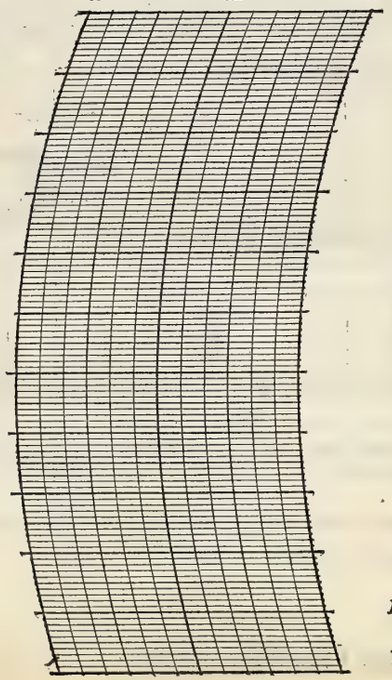
Clouds: Amount, 10; Kind, stratus; Direction, N.W.

Velocity of clouds (miles per hour)

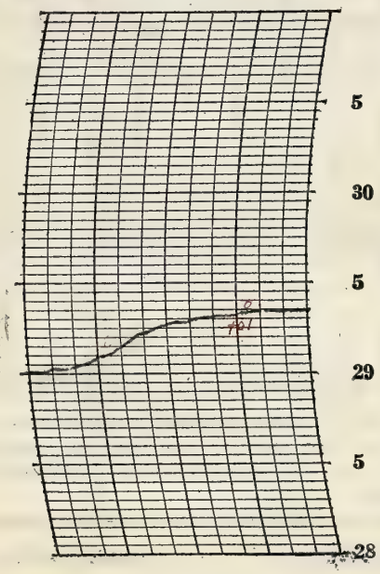
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]

Verified by E. L. H.

8—486

NOTES

a cloudy, blustery day, with snow flurries until 2:00 p.m. Sun shone thru broken clouds at times during the afternoon. Some streets and sidewalks remain quite slippery.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 11 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	19	19	20	21	22	23	28	32	36	39	43	45	45	45	42	41	39	40	40	40	40	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Pt	Cldy	X					Clear					X	Pt	Cldy	X	Cldy		
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0	0.17						
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	SE	SE	S	S	S	S	S
Wind movement	3	5	5	4	6	4	7	7	9	11	14	11	12	13	14	13	10	11	10	11	14	13	12	10
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:41 Character, Cloudy
Moonrise:
Sunset: Time, 5:10 Character, Clear
Moonset:

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

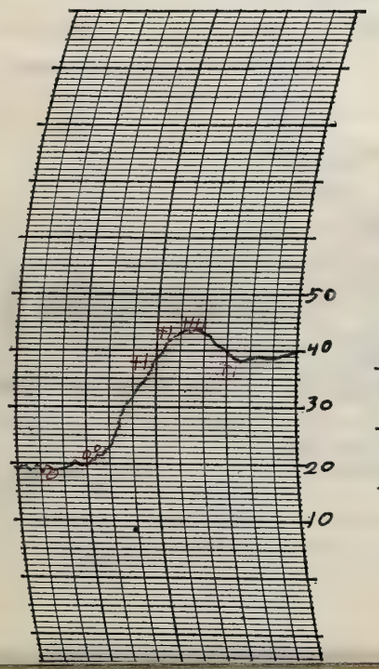
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	19	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.0 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 56
Prevailing wind direction, S Total wind, 229
Average hourly velocity, 9.5 Extreme velocity, 19
Maximum velocity, 18 Direction, S
Time began, 9:06 p.m.
Reduced barometer, 30.27 a. m. 29.99 p. m.
River gage, 4.0 feet
Relative humidity, 83 a. m. 62 p. m.

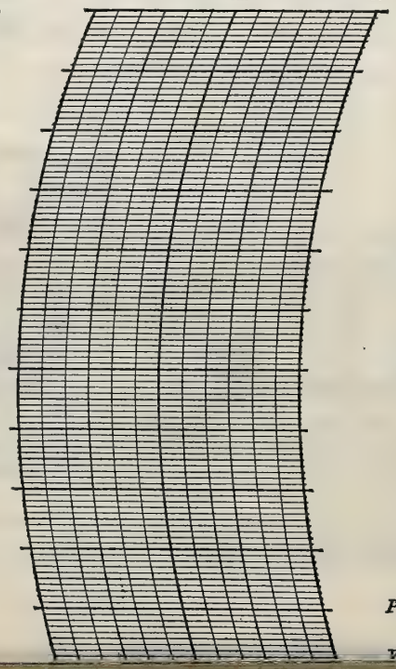
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.9 Wet temperature, 32.2
Dew-point, 21 R. humidity, 46 V. pressure, 108
Clouds: Amount, 3; Kind, cirst; Direction, SW
Velocity of clouds (miles per hour)

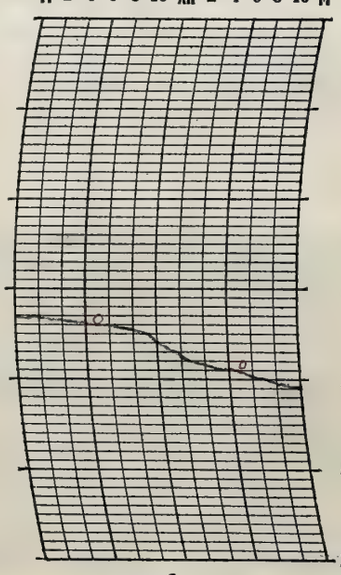
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.H.
Verified by E.H.

NOTES

A mostly clear, beautiful day. Temperatures moderate in the afternoon after a cold morning. Snow and ice about all gone from streets and sidewalks.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 1 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	43	44	45	44	44	44	42	43	42	42	42	43	44	45	45	45	45	43	41	39	35	34
State of weather: Nature of precipitation and time of beginning and ending						RB 5:50	RE 6:20		RB 8:40 RE 8:50	RB 9:30 RE 9:30	RB 10:45			RE 1:10			RB 4:25	RE 5:45						RB DN2 RE DN2
Amounts of precipitation						T	T							.09										T
Cloudiness and other conditions														Cloudy										
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	S	S	S	SW	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	W	W	W	W	W
Wind movement	9	12	12	11	14	15	13	16	15	17	18	17	18	18	18	17	17	15	14	10	10	11	14	13
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:39 Character, Cloudy
Moonrise:
Sunset: Time, 5:12 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

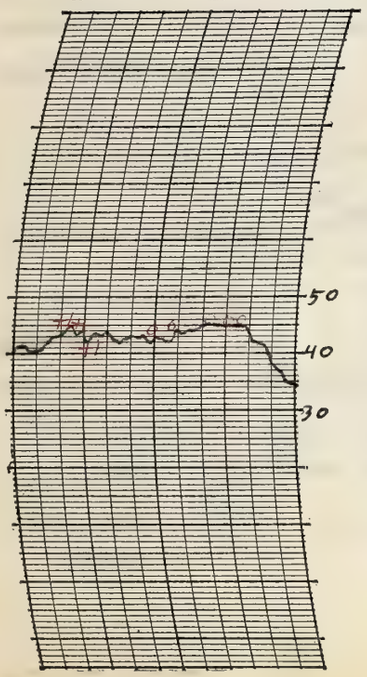
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	34	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .09 ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 344
Average hourly velocity, 14.3 Extreme velocity, 23
Maximum velocity, 22 Direction, S
Time began, 10:56 a m
Reduced barometer, 29.77 7 a. m. 29.61 7 p. m.
River gage, 4.0 feet
Relative humidity, 68 7 a. m. 95 7 p. m.

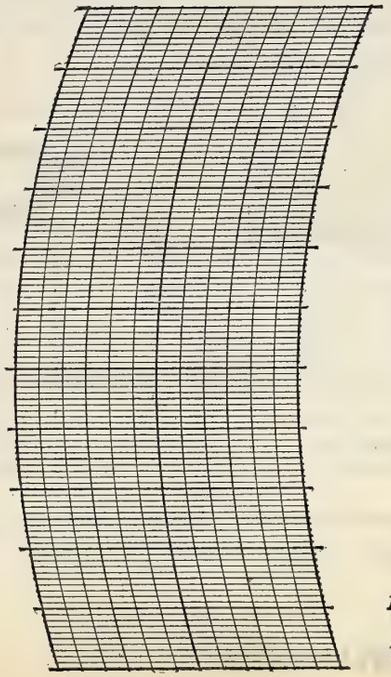
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.2 Wet temperature, 41.2
Dew-point, 40 R. humidity, 92 V. pressure, .242
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

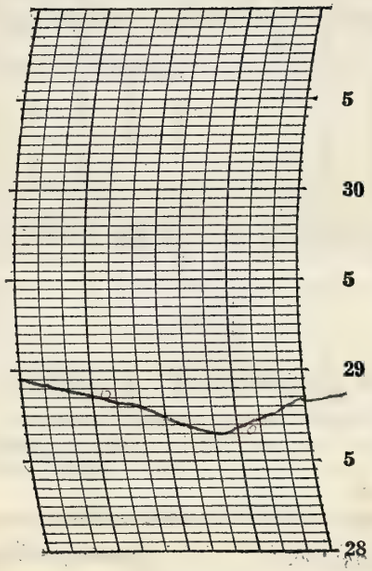
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by

8—486

NOTES

Cloudy, rainy day; low ceiling and poor visibility. The light rain made streets quite slippery. Warm temperatures caused nearly all of the ice to thaw from streets and the slippery condition that has prevailed on many streets and sidewalks from this cause for the last several weeks was ended.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 1 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	32	32	32	32	31	31	31	31	31	32	32	33	33	34	33	32	32	31	32	31	30	30
State of weather: Nature of precipitation and time of beginning and ending									SDB 8:25 SDE 8:40															SDB 11:15 SD cont
Amounts of precipitation									T															T
Cloudiness and other conditions						← Cloudy							→ Cloudy			→ Clear		→ Partly	→ Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0.1	0.2	0.4	0.8	0.8	1.0	0.8 0.2	0.2 0						
Wind direction	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	N	NW	NW	W	NW	NW	NW	S	S	SW
Wind movement	7	8	7	8	10	9	9	11	12	12	12	12	12	13	9	9	7	4	4	3	3	6	8	8

Sunrise: Time, 6:38 Character, Cloudy
Moonrise:
Sunset: Time, 5:13 Character,
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

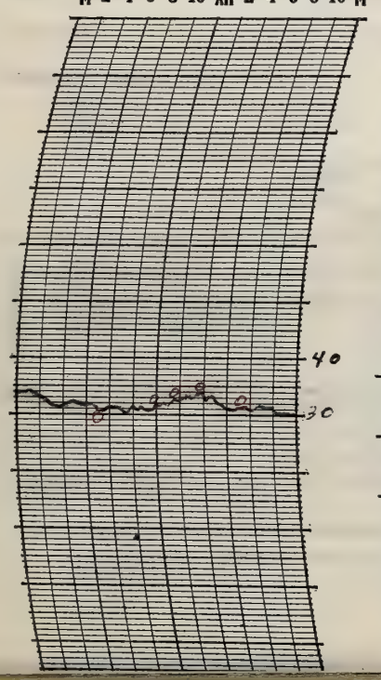
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	30	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.5 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 42
Prevailing wind direction, NW-NW Total wind, 203
Average hourly velocity, 8.5 Extreme velocity, 17
Maximum velocity, 16 Direction, NW
Time began, 1:30 p.m.
Reduced barometer, 29.89 7 a. m. 30.03 7 p. m.
River gage, 6.1 feet
Relative humidity, 77 7 a. m. 74 7 p. m.

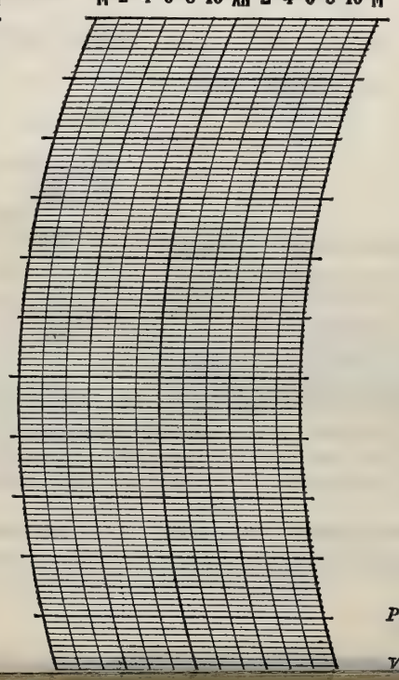
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.9 Wet temperature, 30.2
Dew-point, 28 R. humidity, 82 V. pressure, .150
Clouds: Amount, 6; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

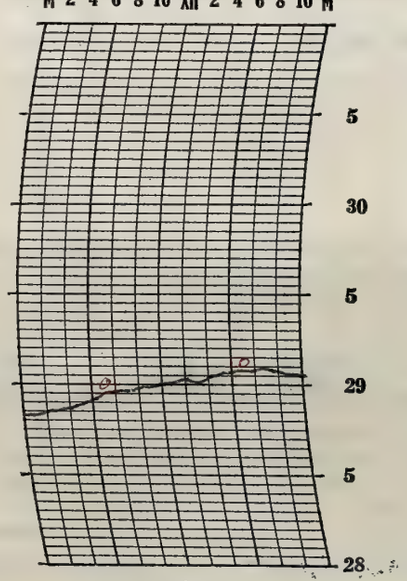
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Mostly cloudy in the morning followed by partly cloudy to clear in the afternoon. Clouds were high and flying conditions favorable.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 1 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	27	25	22	21	21	20	20	22	24	25
Nature of precipitation and time of beginning and ending	SO Cont	SDE DN2										
Amounts of precipitation	T	T										
Cloudiness and other conditions	← Clear											
Sunshine (in tenths of hours)							0	0.2	1.0	0.7	0.9	1.0
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	9	11	14	16	17	14	15	15	14	14	14	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	27	29	29	28	28	27	27	27	27	26	26
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt Cldy		Cldy				Pt Cldy		Cldy →			
Sunshine (in tenths of hours)	1.0	0.9	0.7	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	14	13	10	7	8	6	5	5	4	5	4	6

State of weather.

Sunrise: Time, 6:37 Character, Cloudy

Moonrise:

Sunset: Time, 5:14 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
30	20	25	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 7.6 Possible sunshine, hours, 10.6

Per cent of possible sunshine, 72

Prevailing wind direction, W Total wind, 254

Average hourly velocity, 10.6 Extreme velocity, 25

Maximum velocity, 23 Direction, W

Time began, 4:28 a.m.

Reduced barometer, 30.10 7 a. m. 30.28 7 p. m.

River gage, 7.3 feet

Relative humidity, 50 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

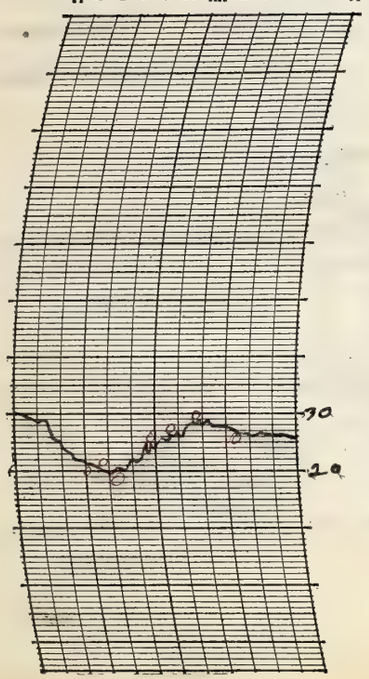
Dry temperature, 24.9 Wet temperature, 23.0

Dew-point, 19 R. humidity, 76 V. pressure, 0.28

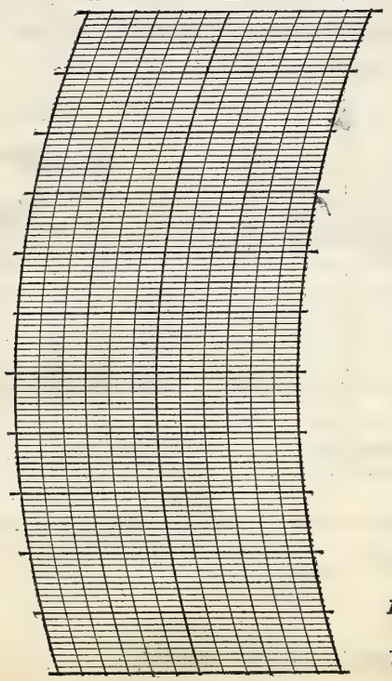
Clouds: Amount, 3; Kind, cst; Direction, W

Velocity of clouds (miles per hour)

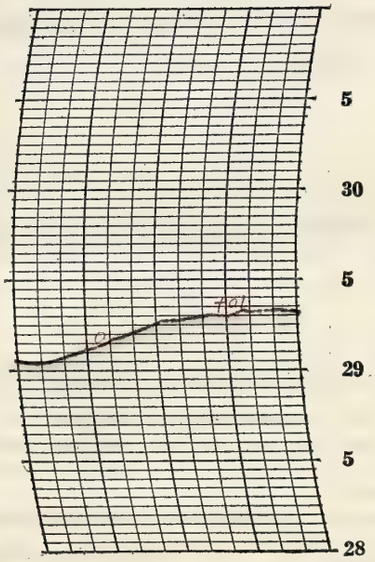
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

S—486

NOTES

A cold, windy day. Visibility fair to good, flying conditions fair.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 1 7 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	24	22	22	16	14	12	11	11	11	12	14
State of weather: Nature of precipitation and time of beginning and ending	S D3 DN2	S E DN2										
Amounts of precipitation	T	T										
Cloudiness and other conditions						← Cloudy			Pt Cldy			
Sunshine (in tenths of hours)							0	0	0.5	0.9	0.7	0.9
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	5	10	8	12	12	11	14	14	14	12	13	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	16	16	15	14	14	14	13	12	11	10	9
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Clear							→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8 0.2	0.25 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	11	9	10	7	6	6	6	4	5	5	4

Sunrise: Time, 6:35 Character, Cloudy
Moonrise:

Sunset: Time, 5:15 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

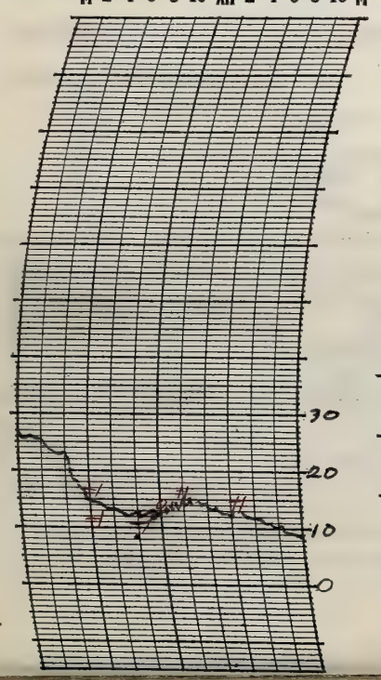
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
26	9	18	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.2 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 77
Prevailing wind direction, NW Total wind, 219
Average hourly velocity, 9.1 Extreme velocity, 19
Maximum velocity, 18 Direction, NW
Time began, 7:16 a.m.
Reduced barometer, 30.37 7 a. m. 30.45 7 p. m.
River gage, 7.3 fall
Relative humidity, 76 7 a. m. 80 7 p. m.

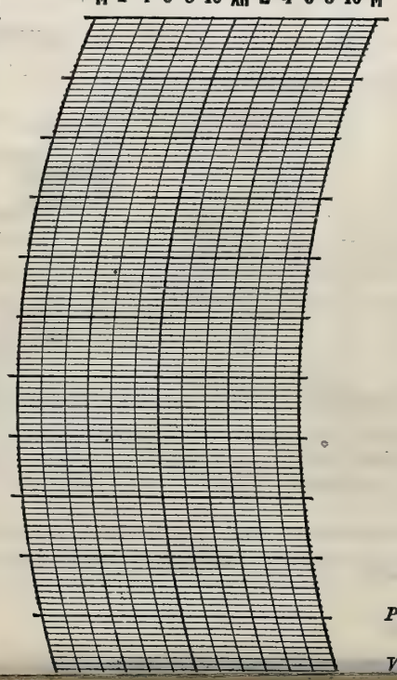
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 14.2 Wet temperature, 12.8
Dew-point, 8 R. humidity, 74 V. pressure, .057
Clouds: Amount, 6; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

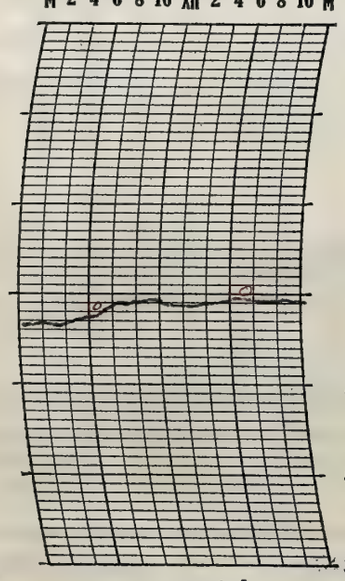
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJH

Verified by E.L.H.

NOTES

A cloudy, windy morning followed by a mostly clear afternoon. Cold and unpleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 1 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	9	8	9	9	9	9	9	9	12	16	21	24
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Pt. Cldy					X	
Sunshine (in tenths of hours)							0	0	0	0.6	1.0	0.1
Wind direction	N	N	N	E	E	E	E	SE	SE	SE	S	S
Wind movement	3	4	3	2	3	4	4	6	8	8	8	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	23 SMB 2:05	23	24	23	23	23 SME 7:35	23	23	23	23
Nature of precipitation and time of beginning and ending												
Amounts of precipitation			←			03		→	T			
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.8	0	0	0	0	0						
Wind direction	S	S	S	S	S	SE	E	E	E	E	E	E
Wind movement	11	13	12	9	9	7	6	7	6	4	3	5

Sunrise: Time, 6:34 Character, Cloudy

Moonrise:

Sunset: Time, 5:16 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	8	16	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow, sleet, and hail on ground 7 p. m., 0.3 inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m. 0.3 ins.

Total precipitation, midnight to midnight, 0.3 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 2.5 Possible sunshine, hours, 10.7

Per cent of possible sunshine, 23

Prevailing wind direction, E Total wind, 154

Average hourly velocity, 6.4 Extreme velocity, 19

Maximum velocity, 19 Direction, S

Time began, 2:00 p.m.

Reduced barometer, 30.42 7 a. m. 30.29 7 p. m.

River gage, 0.4 feet

Relative humidity, 73 7 a. m. 87 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

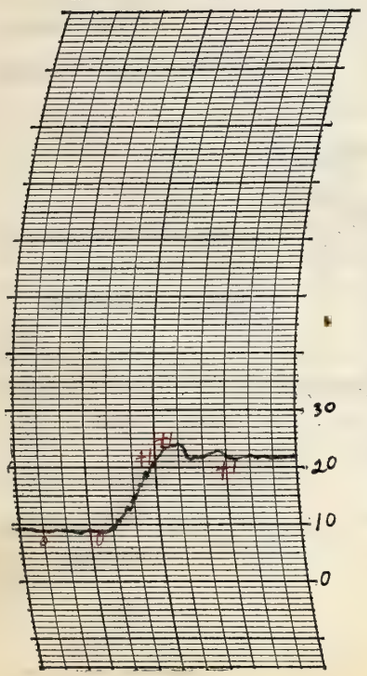
Dry temperature, 23.8 Wet temperature, 20.3

Dew-point, 11 R. humidity, 55 V. pressure, .066

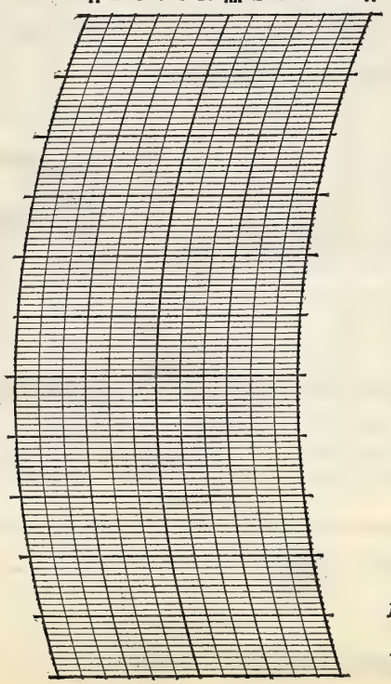
Clouds: Amount, 10; Kind, 2 st; Direction, W

Velocity of clouds (miles per hour)

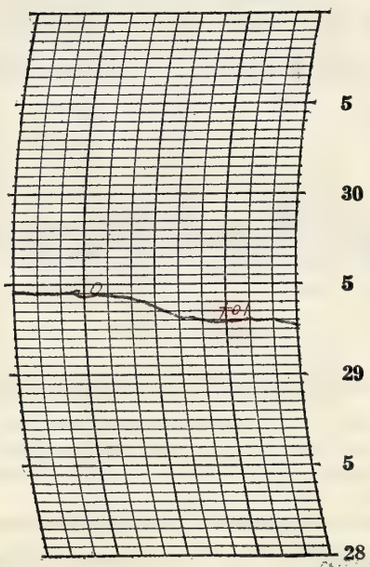
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by EJH

8—486

NOTES

Sun shone thru upper clouds for a short while about noon. Streets became quite slippery (from the snow) by 6:00 p.m. Sidewalks were also slippery

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 1 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	25	25	26	27	28	29	32	34	38	42	45	47	47	47	45	44	44	44	42	42	42	41
Nature of precipitation and time of beginning and ending																					RB 8:40			RE DNP
Amounts of precipitation																					T	T	T	T
Cloudiness and other conditions						←	Cldy			×	PC	Cldy		×	Cldy XP, Cly		×	Cloudy						→

Sunrise: Time, 6:33 Character, Cloudy

Moonrise:

Sunset: Time, 5:18 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0.2	1.0	1.0	1.0	1.0	0.9	0.4	0	0						
Wind direction	E	E	E	E	E	E	E	SE	S	S	S	SW	S	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	4	4	4	4	4	3	4	4	6	7	9	5	7	7	9	9	9	7	6	5	8	9	8	7

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	23	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 5.5 Possible sunshine, hours, 10.8

Per cent of possible sunshine, 51

Prevailing wind direction, S Total wind, 149

Average hourly velocity, 6.2 Extreme velocity, 13

Maximum velocity, 13 Direction, S

Time began, 4:12 p.m.

Reduced barometer, 30.17 7 a. m. 30.14 7 p. m.

River gage, 6.5 feet

Relative humidity, 66 7 a. m. 74 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

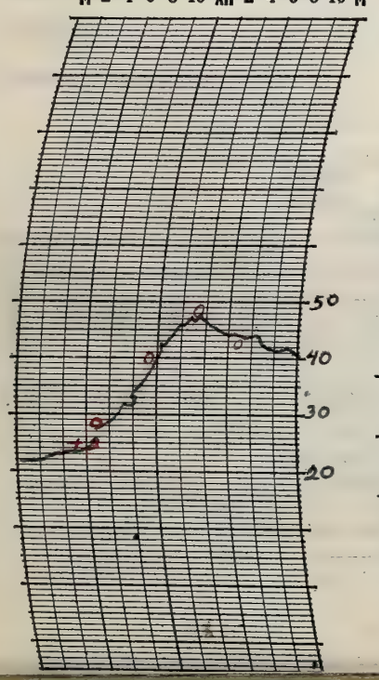
Dry temperature, 41.8 Wet temperature, 35.9

Dew-point, 28 R. humidity, 56 V. pressure, .150

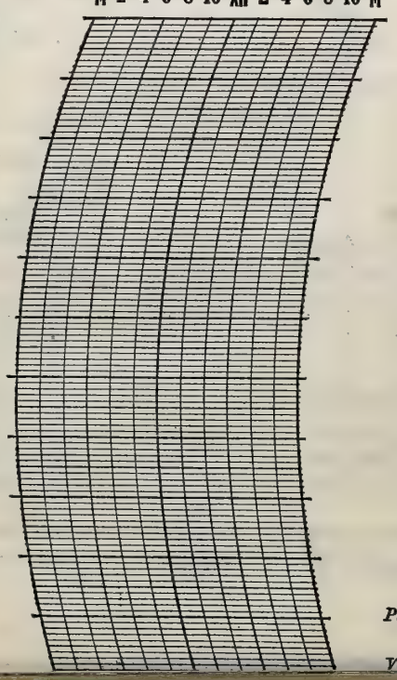
Clouds: Amount, 5; Kind, Ci St; Direction, W

Velocity of clouds (miles per hour)

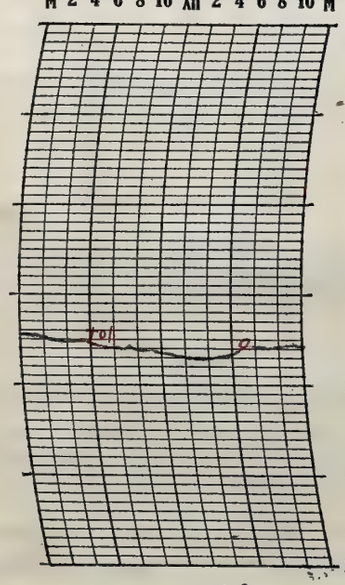
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.L.H.

NOTES

A partly cloudy to cloudy day, sun shone through high clouds during the middle of the day. The light rain during the evening made the streets slippery and visibility poor.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 1 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	39	38	37	36	37	39	44	46	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Clear	x	Pt cldy			
Sunshine (in tenths of hours)							0.48 0	1.0 0	0.2 0.8	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	5	4	6	7	7	8	8	8	9	10	10

Sunrise: Time, 6:31 Character, Clear

Moonrise: ____ ____

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	52	53	54	51	49	47	45	44	43	43	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			x	Pt cldy	x	Pt cldy	x	Clear	→			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6 0.4	0.32 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	10	11	9	10	8	9	11	8	10	11	12

Sunset: Time, 5:19 Character, Clear

Moonset: ____ ____

Maximum velocities (exceeding 24 miles) direction and time ____

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts ____

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
54	36	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Part Cloudy Moon phase, ____

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 10.8 Possible sunshine, hours, 10.8

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 207

Average hourly velocity, 8.6 Extreme velocity, 14

Maximum velocity, 14 Direction, SW

Time began, 12:08 p.m.

Reduced barometer, 30.18 a. m. 30.15 p. m.

River gage, 6.2 feet

Relative humidity, 87 a. m. 74 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

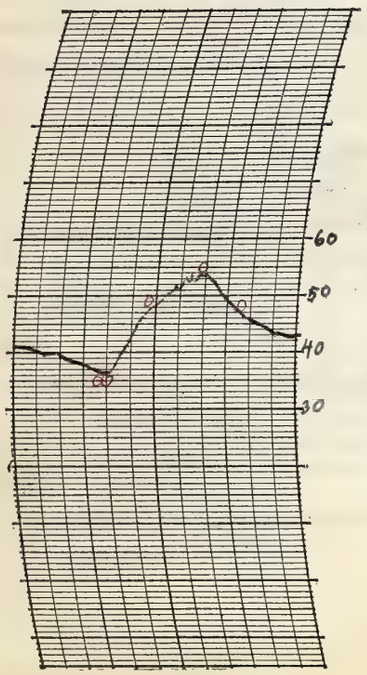
Dry temperature, 48.4 Wet temperature, 43.9

Dew-point, 39 R. humidity, 70 V. pressure, .237

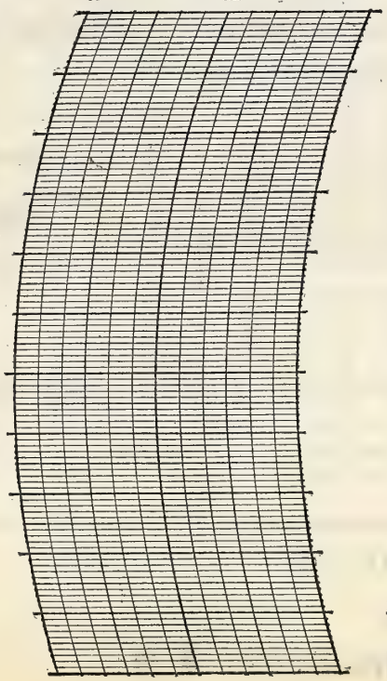
Clouds: Amount, 2; Kind, cist Direction, SW

Velocity of clouds (miles per hour) ____

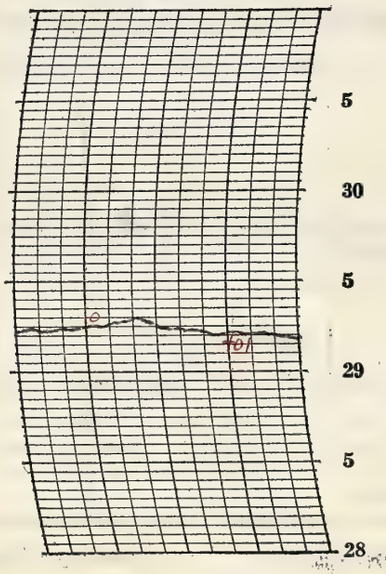
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJL

Verified by E.L.H.

8—486

NOTES

a 22° solar halo was observed around noon.

A partly cloudy day, but all high clouds and sun shone through them all day. Very mild pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 1 6 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	42	43	43	44	44	49	53	56	61
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear			→	Part Cloudy		
Sunshine (in tenths of hours)							0.50 0	1.0 0	0.2 0.8	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	11	9	11	11	11	11	11	13	11	16	14	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	66	67	67	65	62	59	57	57	56	56	55
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Part Cloudy →			Clear		
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6 0.4	0.33 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	15	16	13	14	13	13	14	14	13	15	16

State of weather.

Sunrise: Time, 6:30 Character, Clear

Moonrise:

Sunset: Time, 5:20 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	42	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 10.8 Possible sunshine, hours, 10.8

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 314

Average hourly velocity, 13.1 Extreme velocity, 22

Maximum velocity, 20 Direction, SW

Time began, 2:52 p.m.

Reduced barometer, 30.08 7 a. m. 30.01 7 p. m.

River gage, 5.2 feet

Relative humidity, 71 7 a. m. 61 7 p. m.

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

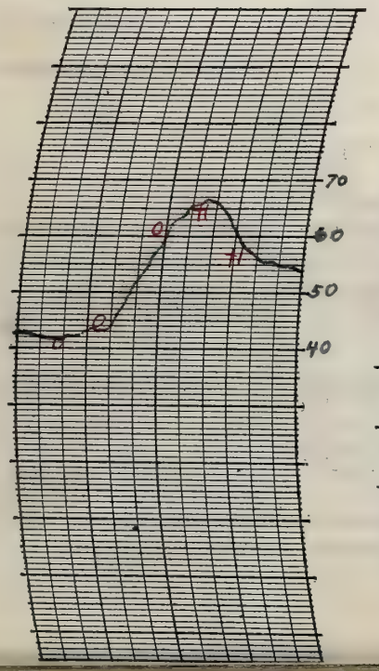
Dry temperature, 61.2 Wet temperature, 52.8

Dew-point, 46 R. humidity, 52 V. pressure, .310

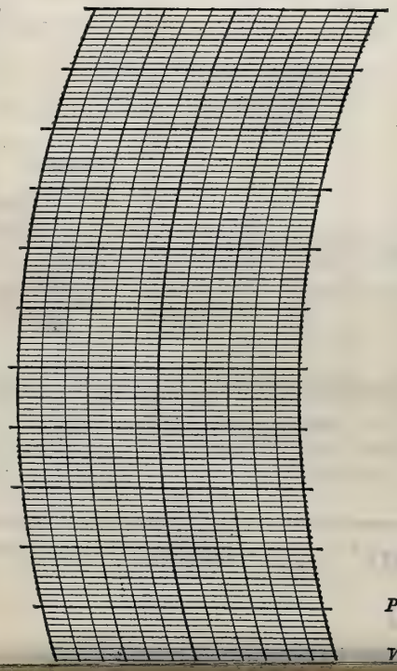
Clouds: Amount, 5; Kind, cirst; Direction, W

Velocity of clouds (miles per hour)

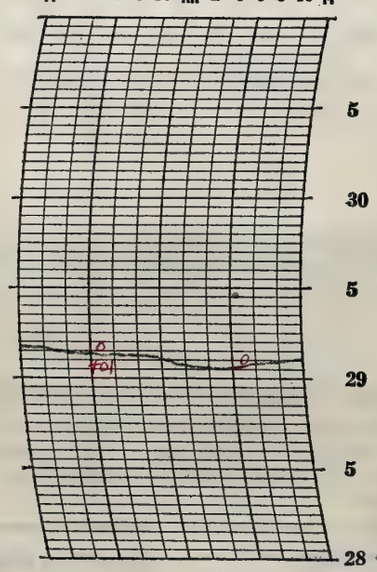
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by

NOTES

Sun shone through high clouds most of the day. Warm, beautiful day. Streets and sidewalks free from ice.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 20 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	52	51	50	49	47	47	48	51	54	57	61	63	66	67	66	63	61	57	55	53	52	51	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Part		Cloudy				X		Cldy	X		Pt	Cldy			→
Sunrise: Time, 6:29 Character, Cloudy																					Sunset: Time, 5:21 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S
Wind movement	17	14	13	12	9	11	9	11	12	15	13	11	12	14	14	14	13	9	6	8	8	8	2	8
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

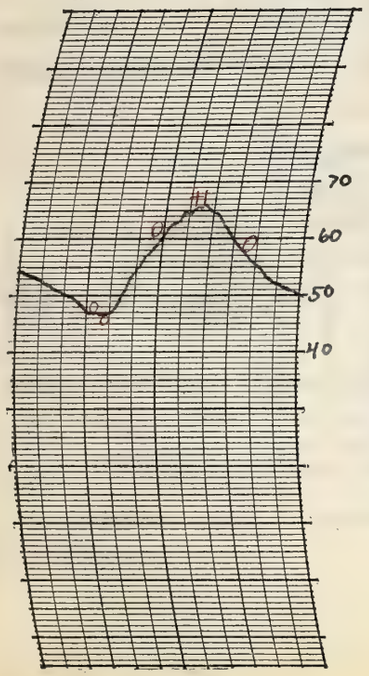
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	47	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.2 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 66
Prevailing wind direction, SW Total wind, 268
Average hourly velocity, 11.2 Extreme velocity, 22
Maximum velocity, 20 Direction, SW
Time began, 9:15 2 m
Reduced barometer, 30.12 7 a. m. 30.12 7 p. m.
River gage, 5.6 fat
Relative humidity, 79 7 a. m. 60 7 p. m.

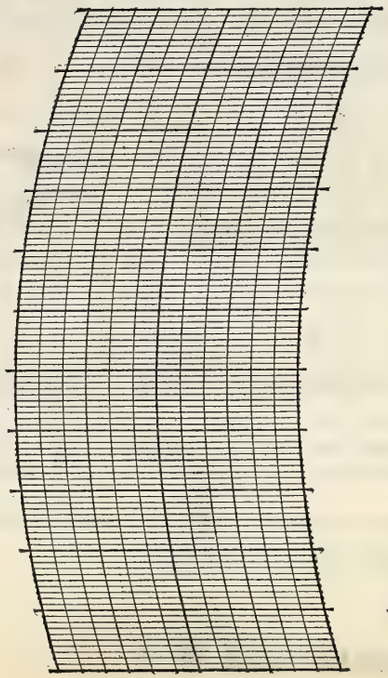
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 61.0 Wet temperature, 51.6
Dew-point, 43 R. humidity, 52 V. pressure, .277
Clouds: Amount, 7; Kind, cist; Direction, SW
Velocity of clouds (miles per hour)

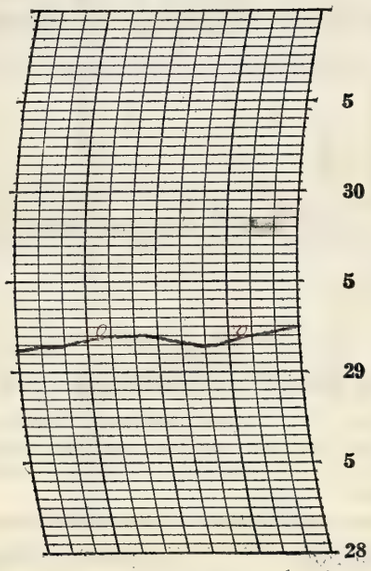
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by GJ

Verified by E.H.J.

8—486

NOTES

Sun shone through clouds most of the day. Very high clouds. Warm, pleasant day. Fine flying conditions, however there was considerable haze

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 21 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	50	48	42	46	45	45	46	50	56	61	65
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0.55 0	0.9 0.1	1.0	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	8	8	8	9	9	10	8	7	9	8	9	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	67	62	65	62	61	59	58	57	56	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Part Cloudy											
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.7	0	0						
Wind direction	S	SW	SW	S	S	S	S	S	SE	SE	S	S
Wind movement	10	13	12	10	9	6	4	5	6	7	7	6

Sunrise: Time, 6:27 Character, Clear

Moonrise:

Sunset: Time, 5:22 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	45	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 9.2 Possible sunshine, hours, 10.8

Per cent of possible sunshine, 84

Prevailing wind direction, S Total wind, 196

Average hourly velocity, 8.2 Extreme velocity, 16

Maximum velocity, 15 Direction, S

Time began, 12:57 pm

Reduced barometer, 30.24 7 a. m. 30.34 7 p. m.

River gage, 7.0 feet

Relative humidity, 71 7 a. m. 52 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

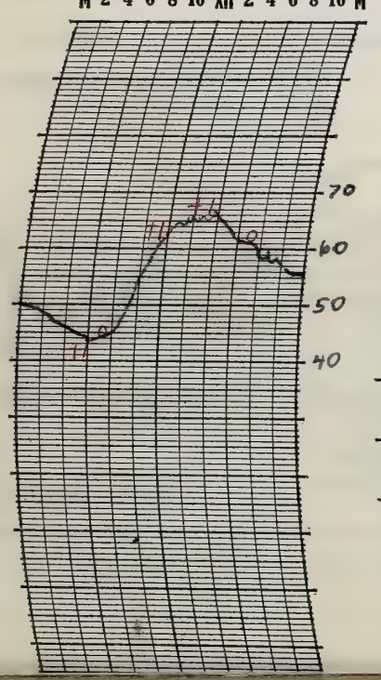
Dry temperature, 64.8 Wet temperature, 50.30

Dew-point, 43 R. humidity, 45 V. pressure, .227

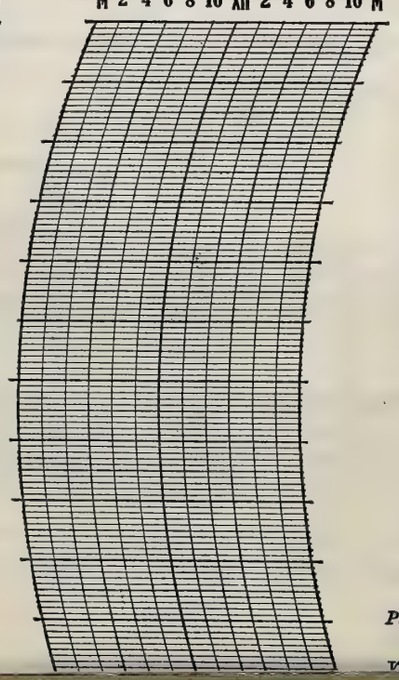
Clouds: Amount, 6; Kind, cist; Direction, SW

Velocity of clouds (miles per hour)

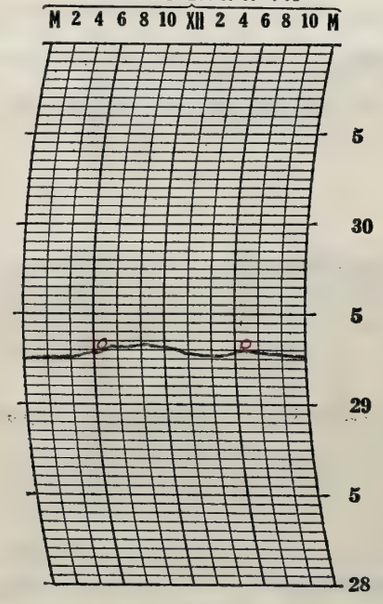
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by JJ

Verified by E.P.H.

NOTES

A partly cloudy day, clouds mostly ci-st and s-ct; sun shone through the clouds all day with the exception of a short while before sunset. Good visibility - good flying weather.

U. S. GOVERNMENT PRINTING OFFICE: 1929

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 2 2 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	53	54	53	53	53	55	57	60	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							← Cloudy				× Pt Cldy ×	
Sunshine (in tenths of hours)							0	0	0.2	0.9	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	6	6	7	8	8	8	8	8	9	12	14	13

Sunrise: Time, 6:26 Character, Cloudy

Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	65	66	63	62	58	56	55	54	54	54
Nature of precipitation and time of beginning and ending						RB 5:45						R end
Amounts of precipitation						T	T	←		20		→
Cloudiness and other conditions						← Cloudy						→
Sunshine (in tenths of hours)	0.3	0.2	0.4	0.3	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	12	14	13	13	13	12	12	14	10	11	15	12

Sunset: Time, 5:24 Character, Cloudy

Moonset:

State of weather.

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	53	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .20 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 4.3 Possible sunshine, hours, 11.0

Per cent of possible sunshine, 39

Prevailing wind direction, S Total wind, 258

Average hourly velocity, 10.8 Extreme velocity, 20

Maximum velocity, 18 Direction, S

Time began, 10:57 a.m.

Reduced barometer, 30.16 7 a. m. 29.98 7 p. m.

River gage, 8.2 feet

Relative humidity, 25 7 a. m. 77 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

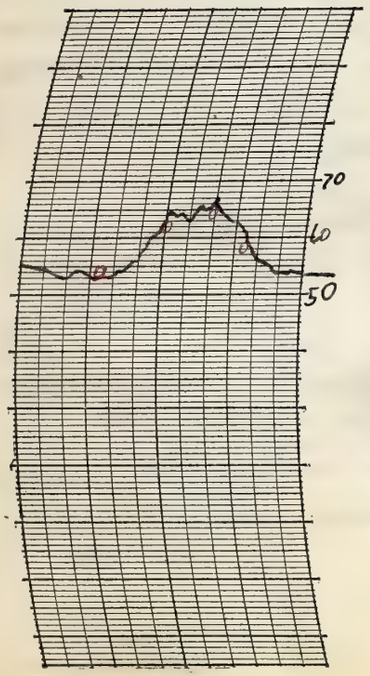
Dry temperature, 64.0 Wet temperature, 53.9

Dew-point, 36 R. humidity, 52 V. pressure, .310

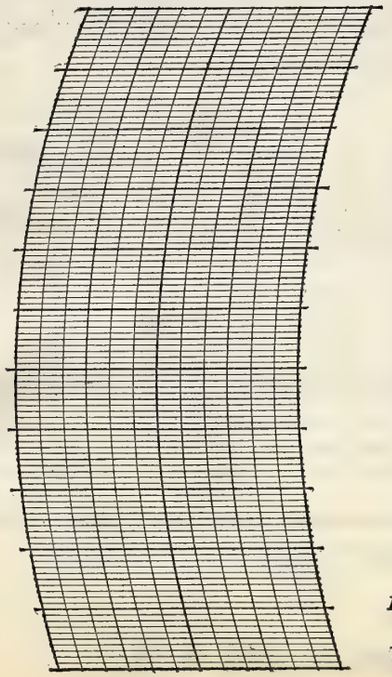
Clouds: Amount, 7; Kind, 2 st; Direction, W

Velocity of clouds (miles per hour)

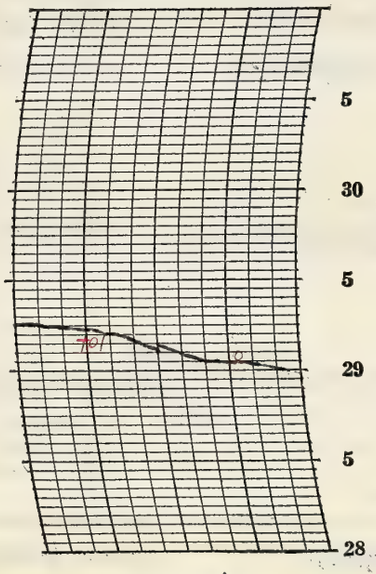
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.J.H.

8—486

NOTES

A very warm, mostly cloudy day although sun shone thru high (2 st) clouds for a few hours during the middle of the day. The sunset and sunrise were cloudy - low clouds. It became threatening during the afternoon with rain at 5:45 p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 23 1930, 193

Time (local standard 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	53	53	53	51	49	48	50	52	54	55	58	59	60	60	59	58	56	55	54	53	52	51
State of weather: Nature of precipitation and time of beginning and ending	R cont		RE DN2																					
Amounts of precipitation				.16																				
Cloudiness and other conditions													Pt Cldy				X Cldy		X	Pt Cldy				
Sunshine (in tenths of hours)							0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0.[illegible]	0.1	0					
Wind direction	S	SW	SW	SW	W	NW	W	W	W	NW	W	W	W	W	W	WSW	SW	SW	SW	SW	SW	SW	S	S
Wind movement	12	8	9	6	7	6	6	5	5	4	7	5	7	10	8	7	5	3	3	3	2	1	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:24 Character, Cloudy
Moonrise:
Sunset: Time, 5:25 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

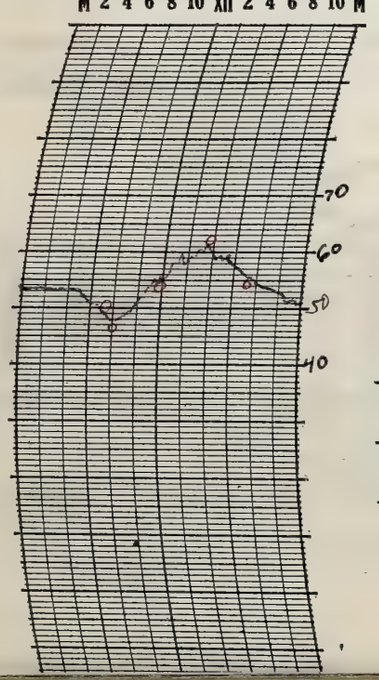
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	48	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .36 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 73
Prevailing wind direction, W Total wind, 136
Average hourly velocity, 5.7 Extreme velocity, 14
Maximum velocity, 14 Direction, S
Time began, 12:02 a.m.
Reduced barometer, 29.90 7 a. m. 29.94 7 p. m.
River gage, 9.2 feet
Relative humidity, 80 7 a. m. 55 7 p. m.

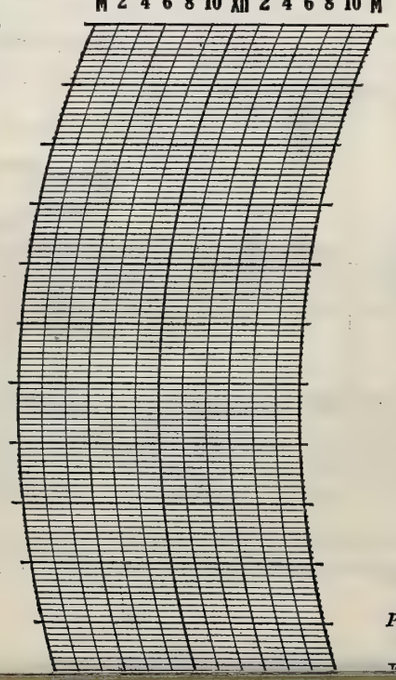
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 55.4 Wet temperature, 42.2
Dew-point, 39 R. humidity, 54 V. pressure, .237
Clouds: Amount, 3; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

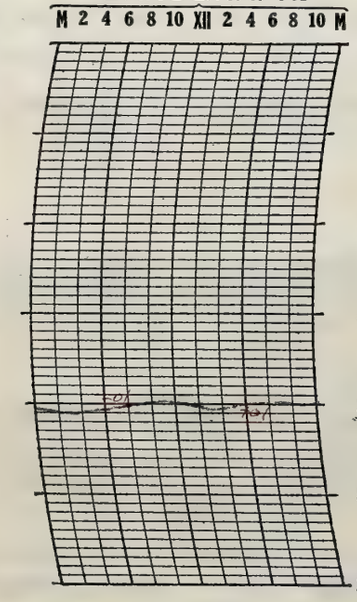
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

NOTES

A partly cloudy day, with sun shining thru high clouds most of the day - very warm day for February

Form No. 1014—Met'l

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 2 8 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	49	47	45	46	47	48	49	52	53	56
Nature of precipitation and time of beginning and ending							RB 6:05					
Amounts of precipitation							T			.16		
Cloudiness and other conditions							Cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	S	S	E	E	E	E	SE	SE	S
Wind movement	3	3	4	2	3	4	4	3	3	6	5	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	60	62	64	63	63	62	62	62	62	63
Nature of precipitation and time of beginning and ending	RF 12:45											RB DNP RF DNP
Amounts of precipitation	.08											T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0.1	0	0	0						
Wind direction	S	S	ES	S	S	S	S	S	S	S	SW	SW
Wind movement	4	2	7	10	10	9	8	8	10	10	14	17

State of weather.

Sunrise: Time, 6:23 Character, Cloudy

Moonrise:

Sunset: Time, 5:26 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	45	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 7 ins.; to 7 p. m., 24 ins.

Total precipitation, midnight to midnight, 24 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.1 Possible sunshine, hours, 11.0

Per cent of possible sunshine, 1

Prevailing wind direction, S Total wind, 157

Average hourly velocity, 6.5 Extreme velocity, 21

Maximum velocity, 19 Direction, SW

Time began, 11:14 p.m.

Reduced barometer, 29.82 7 a. m. 29.76 7 p. m.

River gage, 10.4 feet

Relative humidity, 93 7 a. m. 96 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

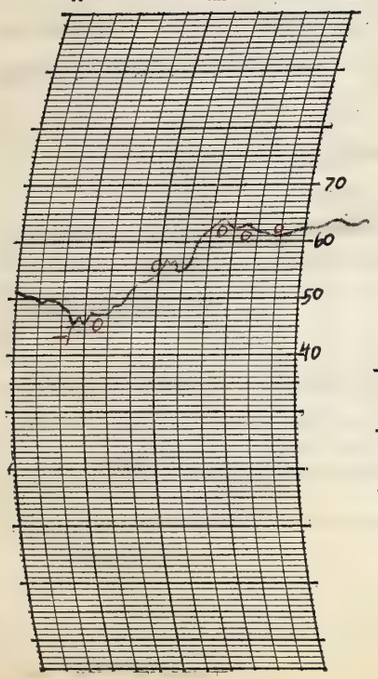
Dry temperature, 56.0 Wet temperature, 55.5

Dew-point, 55 R. humidity, 97 V. pressure, .432

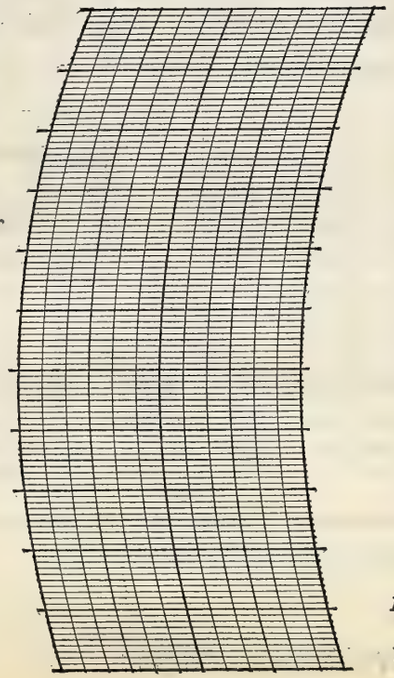
Clouds: Amount, 10; Kind, st; Direction, S

Velocity of clouds (miles per hour)

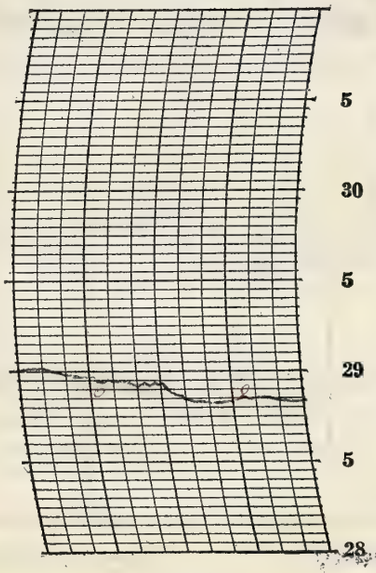
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EH

Verified by E.L.H.

8—486

NOTES

Light fog began 7:10 a.m. ended 8:20 a.m.
A generally cloudy threatening day. Frost seems to be mostly out of the ground and country roads are very soft and many are closed. Some of the hard surfaced roads are also in bad condition.
Thunder first heard 11:35 a.m.
Tipping bucket inserted 11:47 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) FEB 2 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	64	64	63	64	63	63	63	65	66	65	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)							0	0.1	0.8	0.6	0.8	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	14	19	17	18	15	18	15	16	14	14	13

Sunrise: Time, 6:21 Character, Cloudy

Moonrise:

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	64	61	60	59	58	57	56	56	56	55	55
State of weather: Nature of precipitation and time of beginning and ending		RB 1:00						RE 7:20				
Amounts of precipitation		T	.03	.02	.10	.06	.02	T				
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	SW	S	SW	SW	SW	S	SE	SE	SW	SW
Wind movement	13	15	14	12	8	9	9	10	7	5	6	4

Sunset: Time, 5:27 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

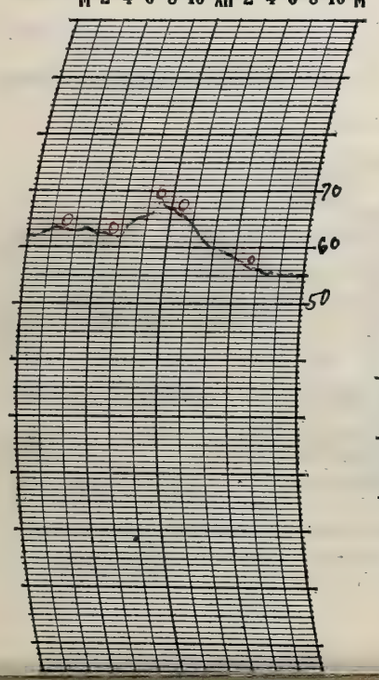
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	55	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .23 ins.
Total precipitation, midnight to midnight, 0.23 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 2.3 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 21
Prevailing wind direction, SW Total wind, 299
Average hourly velocity, 12.5 Extreme velocity, 24
Maximum velocity, 21 Direction, SW
Time began, 4:38 2 m.
Reduced barometer, 29.76 7 a. m. 29.83 7 p. m.
River gage, 12.0 feet
Relative humidity, 84 7 a. m. 92 7 p. m.

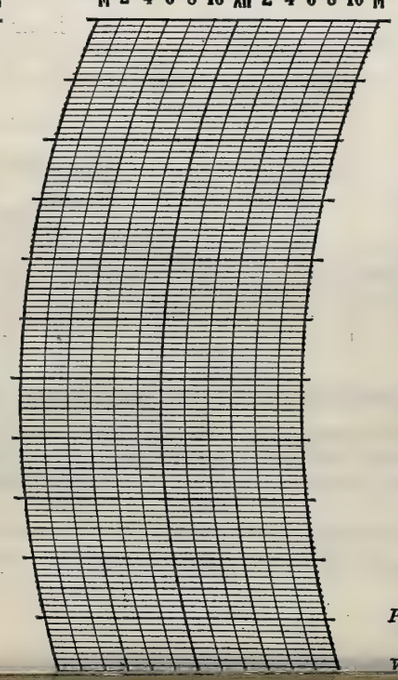
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.0 Wet temperature, 60.2
Dew-point, 56 R. humidity, 68 V. pressure, .448
Clouds: Amount, 10; Kind, stcu; Direction, SW
Velocity of clouds (miles per hour)

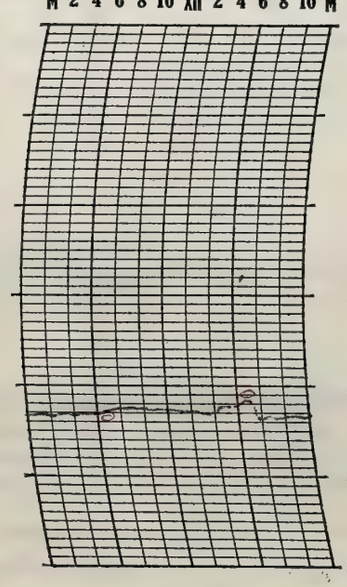
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 2, 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	49	45	44	48	46	42	41	40	39	38	39
Nature of precipitation and time of beginning and ending			RB DN2			RE 5:50						
Amounts of precipitation			.04	.05	.01	.01						
Cloudiness and other conditions					← Cloudy							XP
Sunshine (in tenths of hours)							0	0	0	0	0	.05
Wind direction	SW	E	E	E	W	W	W	W	W	W	W	W
Wind movement	2	5	6	3	8	16	17	18	17	18	19	19

Sunrise: Time, 6:20 Character, Cloudy

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	44	45	46	46	45	44	44	43	43	44	43
Nature of precipitation and time of beginning and ending							RB 6:10 RE 6:39				RB 10:30	RE DN4
Amounts of precipitation							T				T	.01
Cloudiness and other conditions					XP	X Clear		X	Cloudy			→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	W	W	W	W	W	W	W	W	SW	SW	W	W
Wind movement	12	18	15	12	6	4	8	6	6	8	10	14

Sunset: Time, 5:28 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	37	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .12 inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 4.6 Possible sunshine, hours, 11.1

Per cent of possible sunshine, 41

Prevailing wind direction, W Total wind, 272

Average hourly velocity, 11.3 Extreme velocity, 23

Maximum velocity, 23 Direction, W

Time began, 7:35 2 m.

Reduced barometer, 29.84 7 a. m. 30.14 7 p. m.

River gage, 13.7 fall

Relative humidity, 82 7 a. m. 76 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

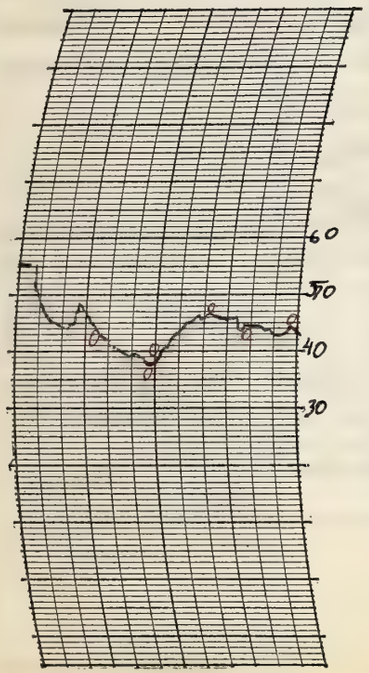
Dry temperature, 39.0 Wet temperature, 35.9

Dew-point, 32 R. humidity, 25 V. pressure, .180

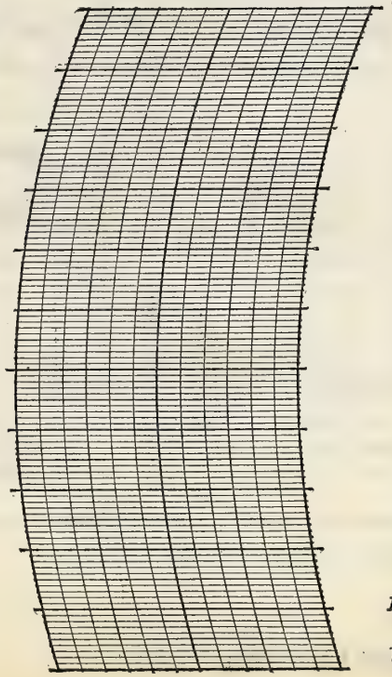
Clouds: Amount, 7; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

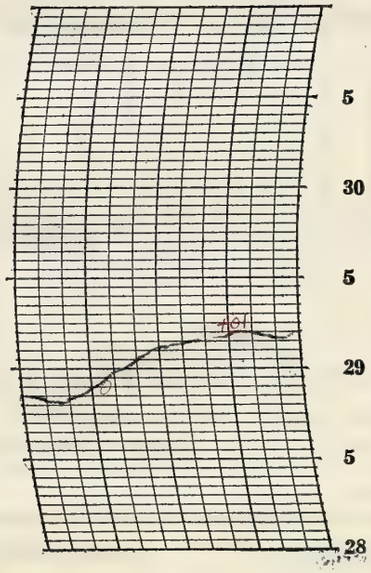
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

Tipping bucket removed 6:43 2 m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 27 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	38	36	34	32	32	31	31	31	32	32	31	32	34	34	34	34	33	33	33	33	32	31	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Cloudy											→	
Sunrise: Time, 6:19 Character, Cloudy																					Sunset: Time, 5:29 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.4	0.1	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NE	E	E	E
Wind movement	11	10	6	8	13	13	15	14	12	13	14	14	13	9	11	6	6	4	4	3	4	5	4	4
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	30	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.5 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 4
Prevailing wind direction, NW Total wind, 216
Average hourly velocity, 9.0 Extreme velocity, 20
Maximum velocity, 19 Direction, NW
Time began, 6:34 a.m.
Reduced barometer, 30.28 7 a. m., 30.39 7 p. m.
River gage, 14.0 feet
Relative humidity, 79 7 a. m. 68 7 p. m.

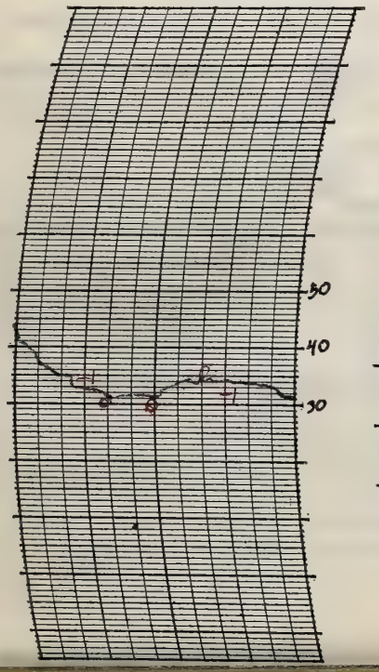
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

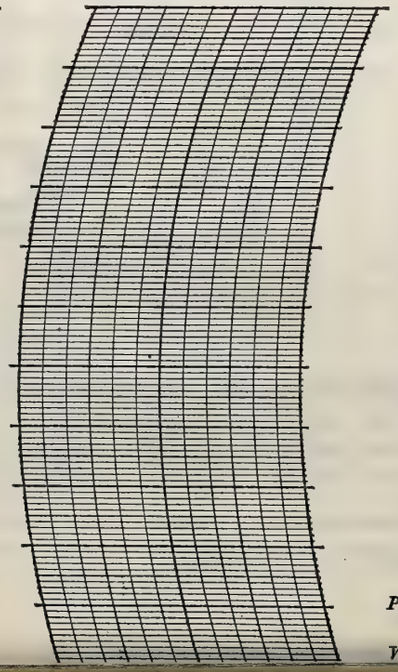
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.2 Wet temperature, 29.7
Dew-point, 27 R. humidity, 84 V. pressure, .143
Clouds: Amount, 9; Kind, stratus Direction, NW
Velocity of clouds (miles per hour)

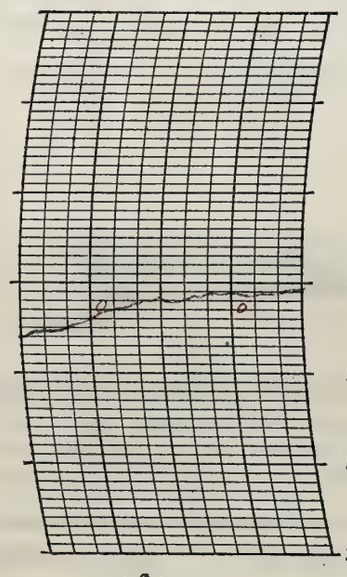
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

NOTES

Mostly cloudy threatening day.
Visibility good and ceilings moderate

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 2 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	28	27	27	26	26	28	30	31	32	35
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear	—	X	Pt	Cldy	X	Cldy
Sunshine (in tenths of hours)							0.72 0	0.9 0.1	1.0	0.6	0.4	1.0
Wind direction	E	E	E	E	E	E	E	E	E	E	SE	SE
Wind movement	4	5	4	4	4	5	5	6	6	6	6	6

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	39	42	43	42	41	40	38	37	37	38	39
Nature of precipitation and time of beginning and ending												RB 11:10 Cont
Amounts of precipitation												.01
Cloudiness and other conditions	Cldy	Pt	Clear					X	Pt	Cldy	X	Cldy
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2 0.2	0.52 0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	E	E	SE	SE
Wind movement	7	5	6	7	8	5	5	5	4	4	5	7

Sunrise: Time, 6:17 Character, Clear

Moonrise:

Sunset: Time, 5:31 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	26	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 9.6 Possible sunshine, hours, 11.2

Per cent of possible sunshine, 86

Prevailing wind direction, E & SE Total wind, 129

Average hourly velocity, 5.4 Extreme velocity, 11

Maximum velocity, 11 Direction, SE

Time began, 3:57 pm

Reduced barometer, 30.36 7 a. m., 30.10 7 p. m.

River gage, 12.5 feet

Relative humidity, 51 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

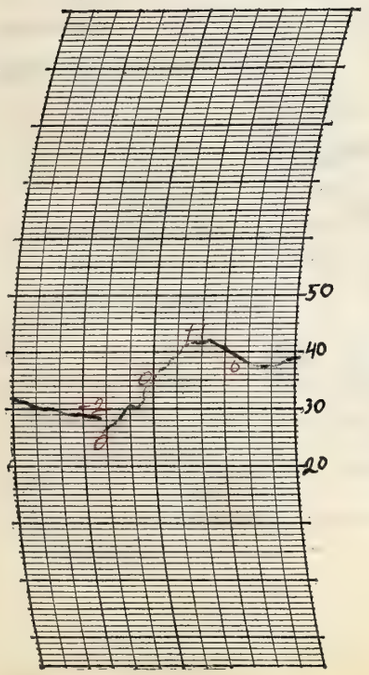
Dry temperature, 35.0 Wet temperature, 31.2

Dew-point, 25 R. humidity, 66 V. pressure, .130

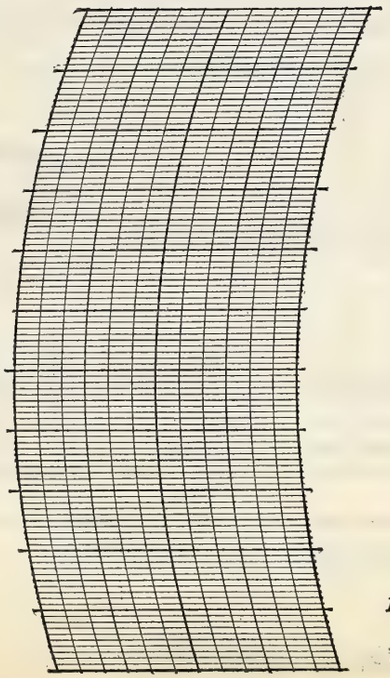
Clouds: Amount, 8; Kind, Cu; Direction, NW.

Velocity of clouds (miles per hour)

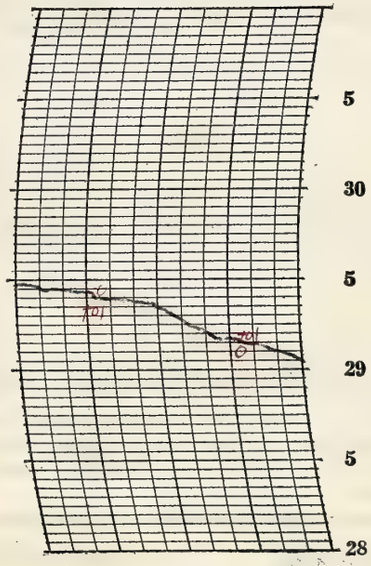
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.J.H.

8—486

NOTES

A partly cloudy day with sun shining thru clouds much of the day. Good flying weather.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 1 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	40	40	40	42	43	43	42	44	43	40	37	38	37	36	35	32	31	30	28	27	27	26	25
State of weather: Nature of precipitation and time of beginning and ending	R Cont	RE DN2																						SM3 1105 SM Cont
Amounts of precipitation			.02																					.01
Cloudiness and other conditions							Pt Cldy	X				Cloudy												

Sunrise: Time, 6:15 Character, Clear
Moonrise:
Sunset: Time, 5:32 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.2	0	0	0	0.4	0.2	0	0	0	0						
Wind direction	SE	S	S	S	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	5	6	7	8	8	8	8	9	11	12	13	13	12	13	14	13	14	13	16	17	17	14	12	12
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

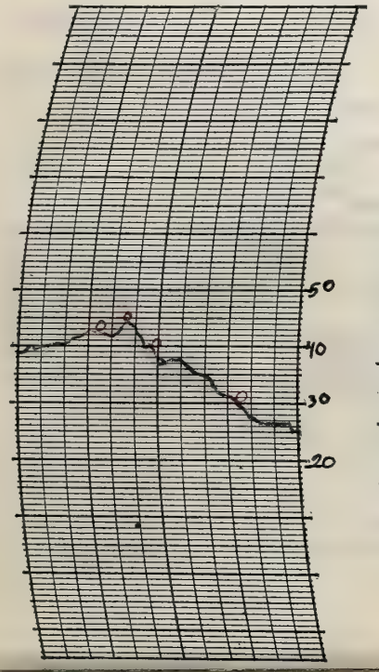
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	25	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, t.01 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.6 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 23
Prevailing wind direction, W Total wind, 275
Average hourly velocity, 11.5 Extreme velocity, 22
Maximum velocity, 20 Direction, W
Time began, 7:48 p.m.
Reduced barometer 29.88 7 a. m. 29.92 7 p. m.
River gage, 11.3 feet
Relative humidity, 89 7 a. m. 67 7 p. m.

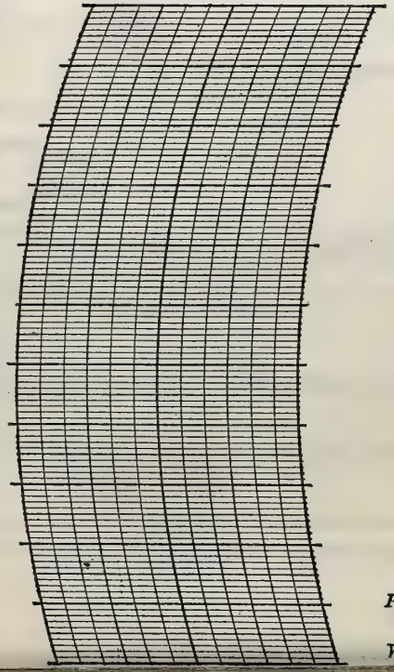
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 36.9 Wet temperature, 34.0
Dew-point, 30 R. humidity, 25 V. pressure, .164
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour)

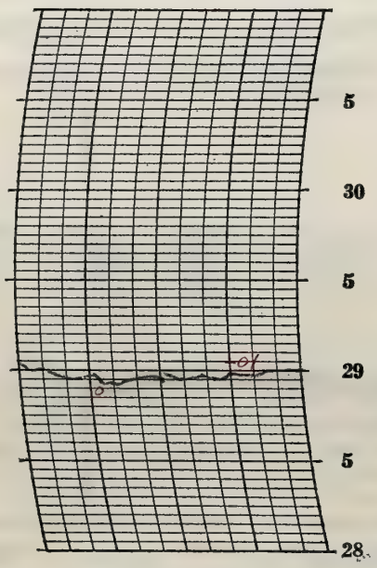
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ
Verified by C.L.H

NOTES

Cloudy, windy day. Good visibility moderate to high ceilings
Moderate cold wave warning received in AM forecast message, flag hoisted at 8:30 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 2 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	22	22	21	21	21	22	22	22	22	22	21	20	19	18	17	16	15	14	13	12	12	11
State of weather: Nature of precipitation and time of beginning and ending	S M cont																S M E 4:50				S D B 8:10 S D E 8:30			
Amounts of precipitation	←		.04				X					T	→								T			
Cloudiness and other conditions							←				Cloudy		→						for dark	X	Cloudy	→		

Sunrise: Time, 6:14 Character, Cloudy

Moonrise:

Sunset: Time, 5:33 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0.2	0.5	0.4	0.7	1.0	1.0	0.2	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	NW	NW	NW	W	NW	NW	NW	W	W	W	W	W	W	W	W	SW
Wind movement	14	11	12	11	11	11	12	11	14	19	18	18	21	21	19	18	18	18	16	15	12	10	9	7
Maximum velocities (exceeding 24 miles) direction and time														26 NW 1:25										

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	11	18	

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.

Snow, sleet, and hail on ground 7 p. m., 0.6 inches.

Total snowfall, midnight to midnight, 0.5 inches.

Precipitation to 7 a. m., 0.5 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 4.0 Possible sunshine, hours, 11.3

Per cent of possible sunshine, 35

Prevailing wind direction, W Total wind, 346

Average hourly velocity, 14.4 Extreme velocity, 28

Maximum velocity, 26 Direction, NW

Time began, 1:25 p.m.

Reduced barometer, 29.93 7 a. m. 30.09 7 p. m.

River gage, 10.0 feet

Relative humidity, 93 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

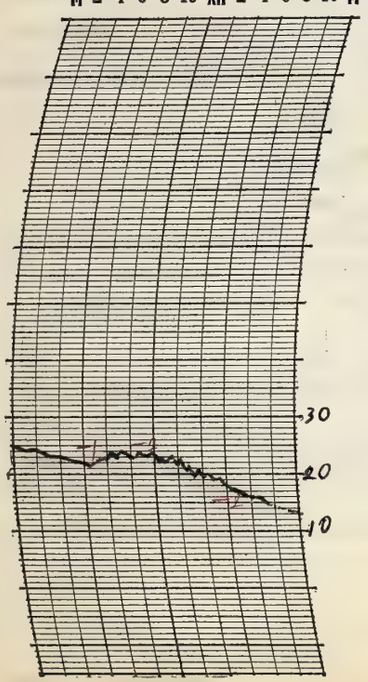
Dry temperature, 22.0 Wet temperature, 21.0

Dew-point, 18 R. humidity, 86 V. pressure, .098

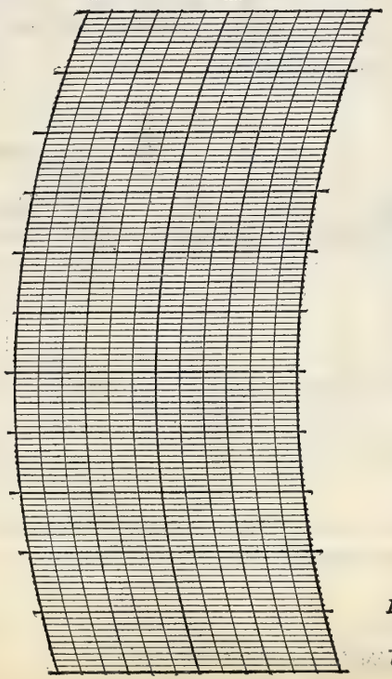
Clouds: Amount, 10; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

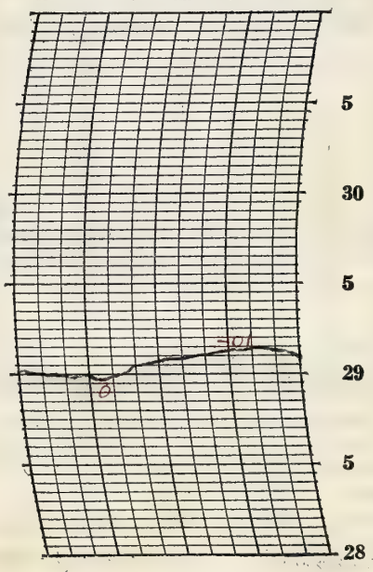
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

A cloudy, snow day with moderate to fresh northwest winds. Intermittent snow occurred throughout the day. Sun shone through clouds for short periods. Snow melted some about noon and streets were very slippery all day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 3 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	11	11	12	13	14	14	15	18	19	20	21
State of weather: Nature of precipitation and time of beginning and ending											SMB 10:05	
Amounts of precipitation												
Cloudiness and other conditions						Clear				X Pt Cdy	X	
Sunshine (in tenths of hours)							0.80 0	0.7 0	0.8	0.8	0.2	0.7
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	9	8	8	8	8	8	9	8	11	12	11	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	21	22	22	22	21	21	20	21	22	23	23
State of weather: Nature of precipitation and time of beginning and ending						SME 5:10		SD 7:10 SDE 7:50				
Amounts of precipitation				T				T				
Cloudiness and other conditions				Cloudy			X Pt Cdy	Cdy X Pt Cdy			Cdy	
Sunshine (in tenths of hours)	0.2	0	0.2	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	SW	SW	W
Wind movement	14	14	13	15	13	11	10	7	7	7	7	7

Sunrise: Time, 6:12 Character, Clear
Moonrise:
Sunset: Time, 5:34 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	11	17	

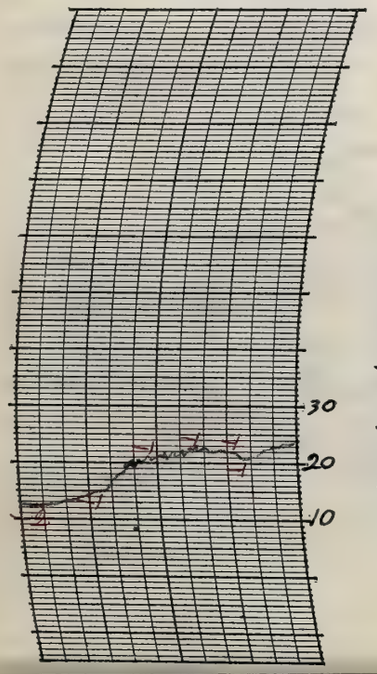
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0.2 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.4 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 39
Prevailing wind direction, W Total wind, 238
Average hourly velocity, 9.9 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 3:53 p. m.
Reduced barometer, 29.93 7 a. m. 29.85 7 p. m.
River gage, 8.8 feet
Relative humidity, 85 7 a. m. 78 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

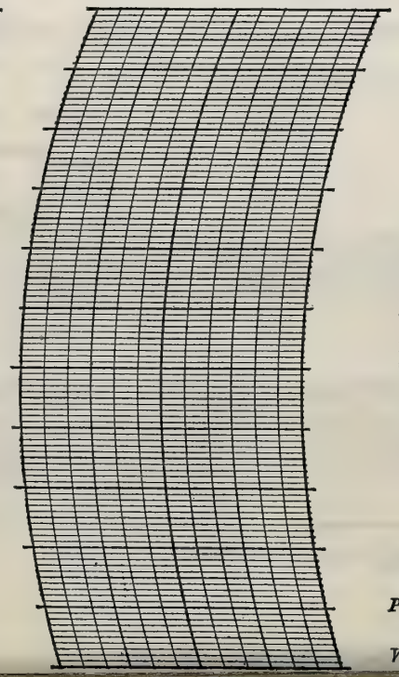
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 21.0 Wet temperature, 18.0
Dew-point, 10 R. humidity, 52 V. pressure, .063
Clouds: Amount, 8; Kind, st cu Direction, NW
Velocity of clouds (miles per hour)

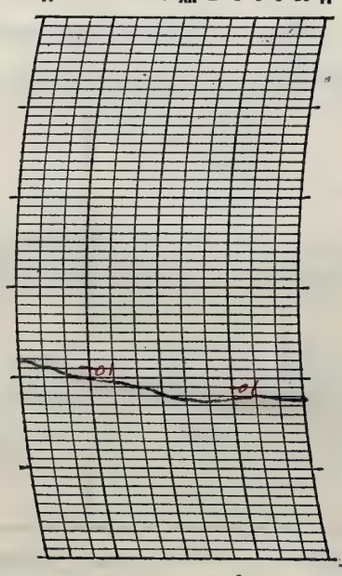
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

NOTES

Light snow flurries occurred from time to time throughout the day, but the snowfall was only a trace. Windy, cold day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 4 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	25	25	25	25	25	27	27	31	31	33	35	37	39	39	39	38	37	36	36	35	35	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<	Cldy	—	X	—	Cldy	X					Clear							>
Sunrise: Time, Character	6:10 Cloudy																				Sunset: Time, Character	5:35 Clear		
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.56 0						
Wind direction	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	S
Wind movement	6	5	5	3	3	2	3	4	8	8	10	10	10	11	13	14	13	10	9	11	13	12	12	13
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	23	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 9.2 Possible sunshine, hours, 11.4

Per cent of possible sunshine, 81

Prevailing wind direction, SW Total wind, 208

Average hourly velocity, 8.7 Extreme velocity, 20

Maximum velocity, 19 Direction, SW

Time began, 3:25 p.m.

Reduced barometer, 29.84 7 a. m. 29.71 7 p. m.

River gage, 7.0 feet

Relative humidity, 88 7 a. m. 67 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

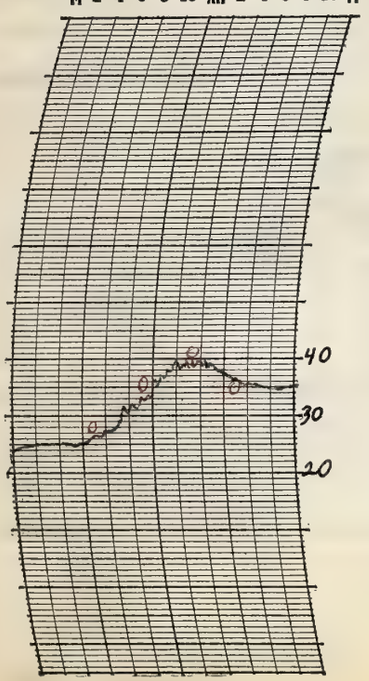
Dry temperature, 35.1 Wet temperature, 30.4

Dew-point, 23 R. humidity, 55 V. pressure, .118

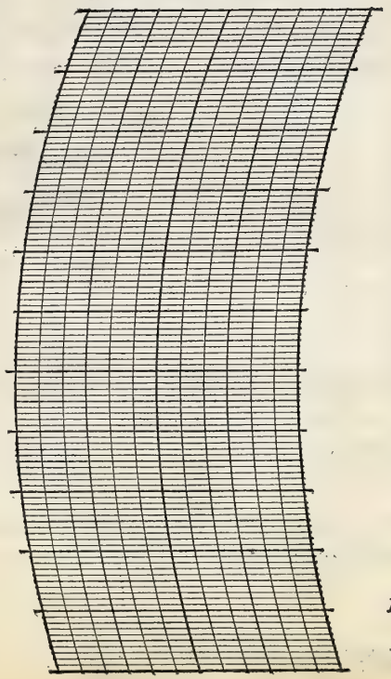
Clouds: Amount, 4; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

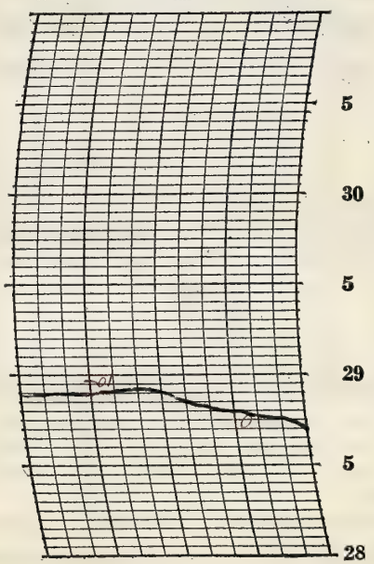
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

A cloudy morning followed by a mostly clear day. Mostly gentle winds and the day, generally speaking, was mild and pleasant. Streets and sidewalks free of ice and snow. Ground frozen hard enough so that it held up cars on all country roads.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 5 ~~1930~~, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	36	36	35	32	30	31	33	34	36	37	40	41	42	42	41	40	37	36	34	33	32	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←							Clear											→
Sunshine (in tenths of hours)							0.85 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	0.60 0						
Wind direction	S	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	N	N	N	N	NE
Wind movement	13	16	16	11	11	9	7	8	12	11	10	7	9	9	9	8	8	5	5	5	4	3	4	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:09 Character, Clear
Moonrise:
Sunset: Time, 5:36 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

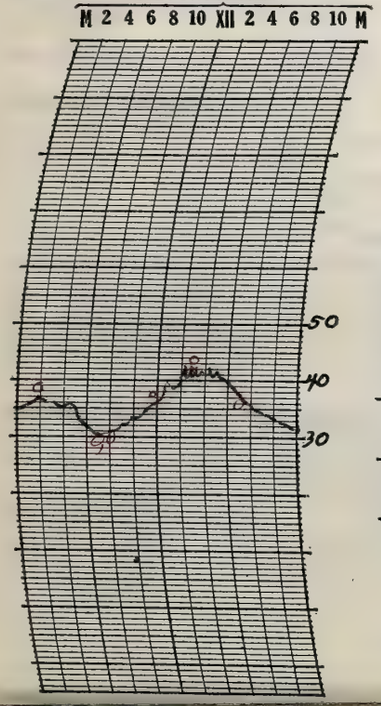
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	30	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 11.4 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 204
Average hourly velocity, 8.5 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 2:27 a.m.
Reduced barometer, 29.66 a. m. 29.85 p. m.
River gage, 6.2 feet
Relative humidity, 78 a. m. 55 p. m.

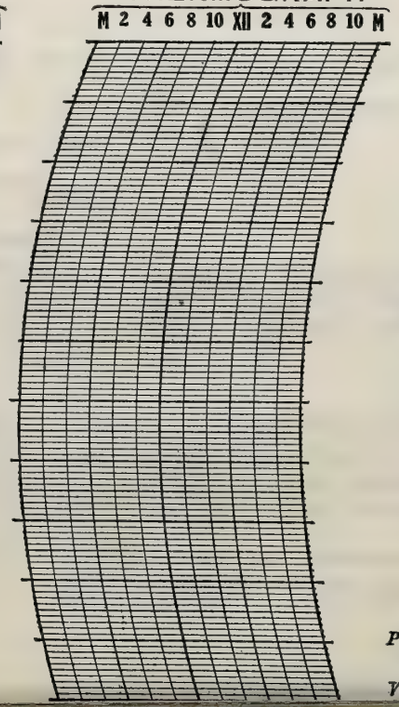
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.8 Wet temperature, 32.2
Dew-point, 22 R. humidity, 47 V. pressure, .113
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

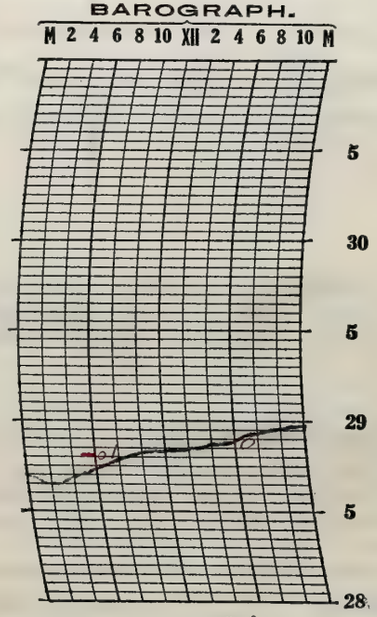
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

NOTES

Clear beautiful day, good visibility and flying conditions.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 6 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	28	27	26	26	30	35	39	43	44	47	49	50	50	49	47	42	39	37	35	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear → X Part Cloudy →																							
Sunshine (in tenths of hours)							0.88 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.62 0						
Wind direction	NE	NE	NE	E	E	E	NE	NE	NE	NE	NE	NE	E	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	4	4	2	5	4	3	4	4	4	7	6	5	6	7	7	7	7	11	13	12	14	13	13
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:07 Character, Clear
Moonrise:
Sunset: Time, 5:37 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

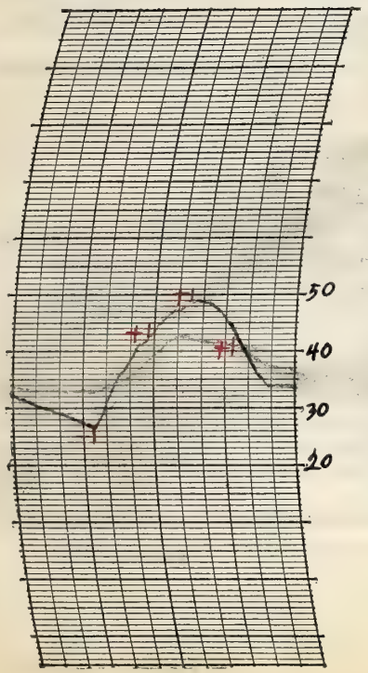
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	26	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.5 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 166
Average hourly velocity, 6.9 Extreme velocity, 17
Maximum velocity, 17 Direction, NE
Time began, 4:27 p.m.
Reduced barometer, 29.92 7 a. m. 29.73 7 p. m.
River gage, 5.2 fall
Relative humidity, 88 7 a. m. 68 7 p. m.

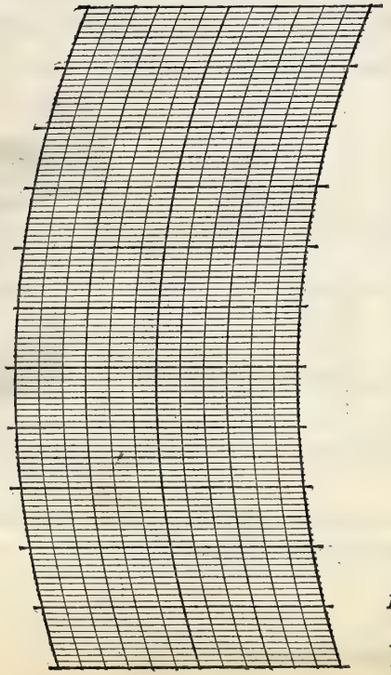
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 44.2 Wet temperature, 37.0
Dew-point, 27 R. humidity, 50 V. pressure, .143
Clouds: Amount, 1; Kind, Cl; Direction, SW
Velocity of clouds (miles per hour)

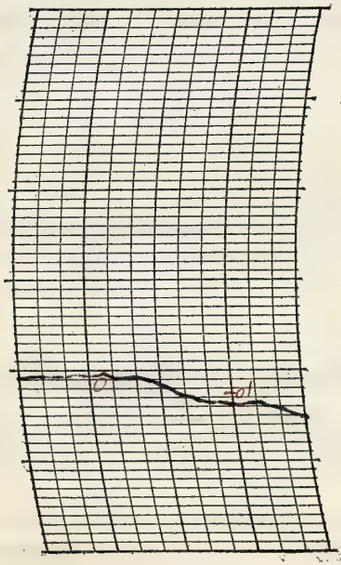
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by E. L. H.

8—486

NOTES

Fair to partly cloudy, flying conditions and visibility good.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 7 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	33	33	33	33	33	34	35	37	39	40	43	43	43	43	43	42	41	40	39	38	38	38
State of weather: Nature of precipitation and time of beginning and ending														SM B:1:30 SME 1:15										
Amounts of precipitation														T										
Cloudiness and other conditions	← Cloudy →																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	N	NE	NE	N	N	N	N	N	N	N	N
Wind movement	13	15	16	14	14	14	14	13	13	15	16	15	16	19	19	19	18	16	13	15	14	15	14	15
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:06 Character, Cloudy
Moonrise:
Sunset: Time, 5:39 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

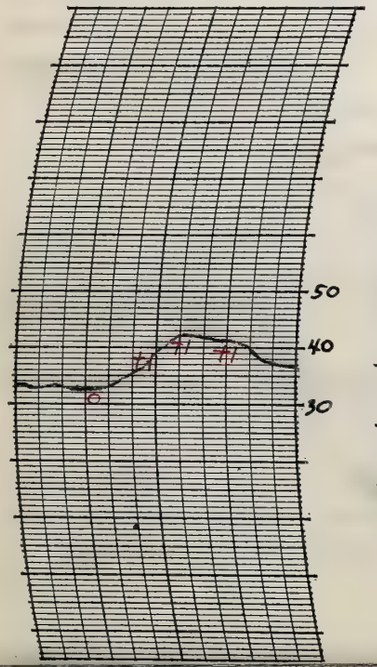
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	33	38	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 0
Prevailing wind direction, N Total wind, 365
Average hourly velocity, 15.2 Extreme velocity, 25
Maximum velocity, 23 Direction, N
Time began, 2:29 p.m.
Reduced barometer, 29.51 7 a. m. 29.54 7 p. m.
River gage, 4.6 feet
Relative humidity, 83 7 a. m. 77 7 p. m.

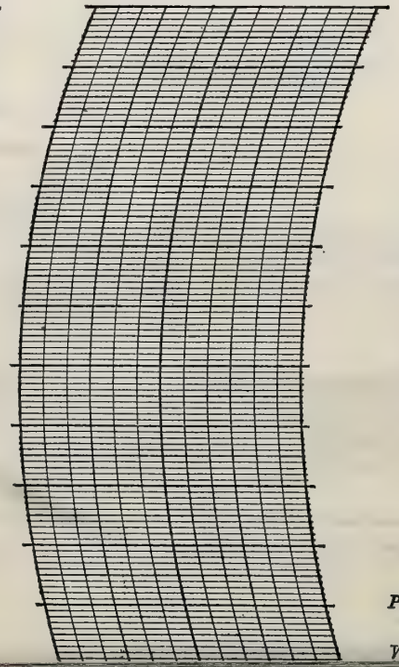
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.8 Wet temperature, 36.8
Dew-point, 33 R. humidity, 76 V. pressure, .182
Clouds: Amount, 10; Kind, St; Direction, NE
Velocity of clouds (miles per hour)

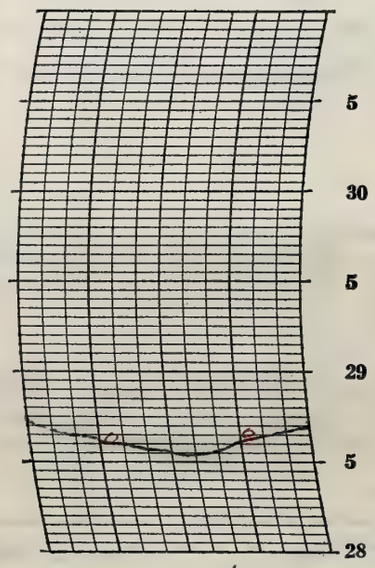
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

NOTES

Cloudy, threatening, visibility poor until noon and then became fair. Low ceilings until 11:00 a.m. and unfavorable flying conditions in the morning, but fair in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 8 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	33	32	31	31	31	31	32	33	35	38	41	43	45	44	41	36	34	31	30	28	27	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy			X	Pl	Dry X					Clear								
Sunshine (in tenths of hours)							0	0	0.2	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.67 0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W
Wind movement	16	15	16	17	16	16	16	16	16	16	16	16	14	16	15	15	14	12	9	10	8	7	6	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:04 Character, Cloudy
Moonrise:

Sunset: Time, 5:40 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

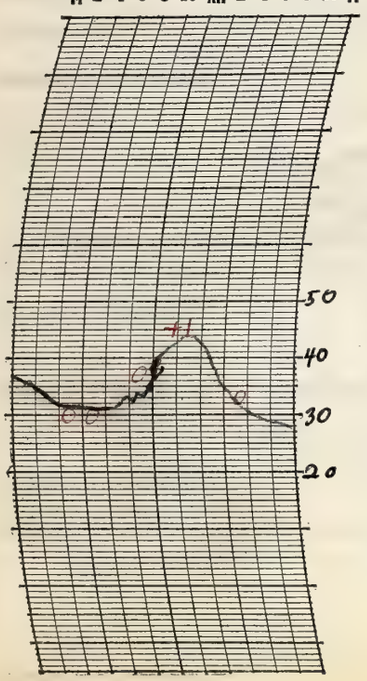
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	27	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.6 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 74
Prevailing wind direction, NW Total wind, 325
Average hourly velocity, 13.5 Extreme velocity, 21
Maximum velocity, 20 Direction, NW
Time began, 5:53 a.m.
Reduced barometer, 29.74 7 a. m. 29.89 7 p. m.
River gage, 4.2 feet
Relative humidity, 81 7 a. m. 78 7 p. m.

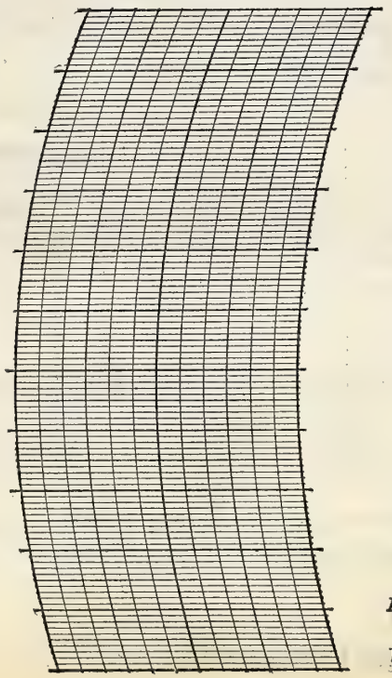
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.2 Wet temperature, 35.0
Dew-point, 31 R. humidity, 74 V. pressure, .172
Clouds: Amount, 1; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

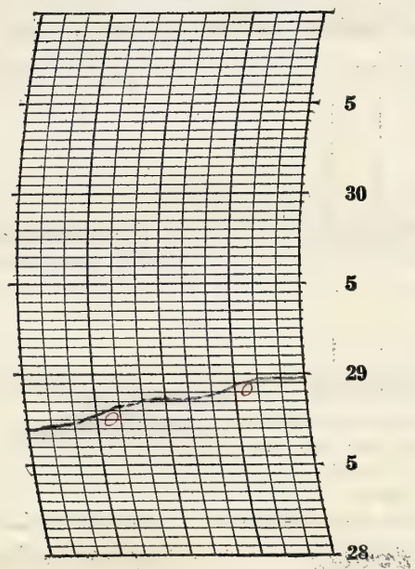
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

Cloudy in the morning, mostly fair in the afternoon. Low ceiling and poor visibility in the early morning until 8:30 a.m. when condition became good for flying.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 9 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	24	24	24	25	26	29	34	39	43	46	49	51	52	53	51	49	48	47	45	44	43	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					Clear								×	Partly	Cloudy			→
Sunshine (in tenths of hours)							0.97 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	0.65 0						
Wind direction	W	W	W	W	W	W	W	W	SW	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	7	7	6	6	7	5	5	7	8	8	10	9	11	11	12	8	7	6	8	7	8	9	9

Sunrise: Time, 6.02 Character, Clear
Moonrise:
Sunset: Time, 5.41 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

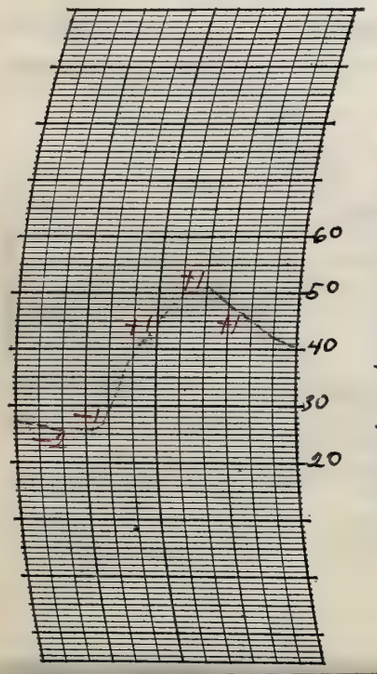
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
53	24	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.6 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 189
Average hourly velocity, 7.9 Extreme velocity, 17
Maximum velocity, 17 Direction, SW
Time began, 3:11 p.m.
Reduced barometer, 29.98 7 a. m. 29.90 7 p. m.
River gage, 4.2 feet
Relative humidity, 88 7 a. m. 44 7 p. m.

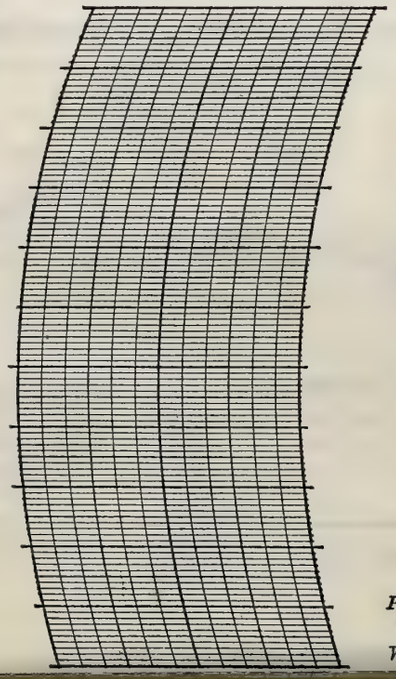
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.2 Wet temperature, 37.0
Dew-point, 23 R. humidity, 40 V. pressure, .118
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

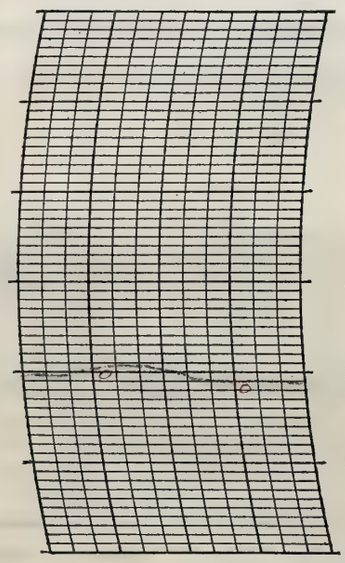
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by E.L.H

NOTES

Fair weather, good flying conditions. A 23° lunar halo was observed in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 10 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	38	38	37	37	37	39	44	51	55	56	54	56	57	58	58	57	55	53	48	45	43	42
State of weather: Nature of precipitation and time of beginning and ending													RB 12:31 RE 12:35	RB 1:10 RE 1:20										
Amounts of precipitation													T	T										
Cloudiness and other conditions													Cloudy											
Sunshine (in tenths of hours)							0	0	10	1.0	1.0	1.0	0.2	0.4	0	0	0.1	0						
Wind direction	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	W	W	W	W
Wind movement	8	5	7	8	8	11	11	11	10	11	11	14	13	13	11	12	11	9	7	11	15	16	10	10

Sunrise: Time, 6:01 Character, Cloudy
Moonrise:
Sunset: Time, 5:42 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

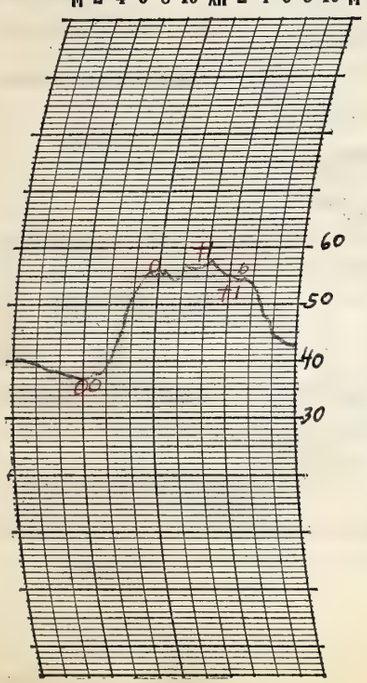
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	37	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 4.7 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 40
Prevailing wind direction, S Total wind, 253
Average hourly velocity, 10.5 Extreme velocity, 22
Maximum velocity, 20 Direction, W
Time began, 8:01 p m
Reduced barometer, 29.81 7 a. m. 29.50 7 p. m.
River gage, 4.0 feet
Relative humidity, 83 7 a. m. 59 7 p. m.

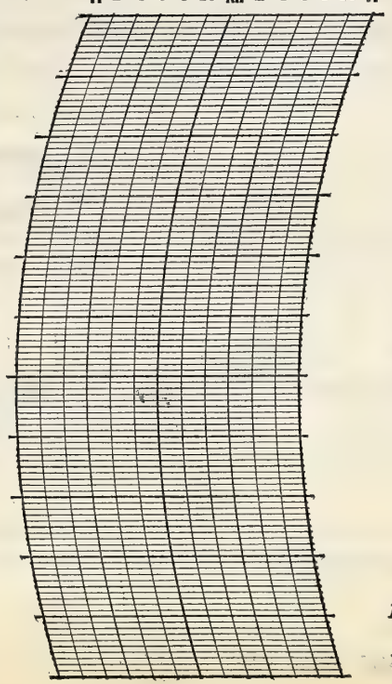
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.1 Wet temperature, 47.4
Dew-point, 39 R. humidity, 54 V. pressure, .237
Clouds: Amount, 5; Kind, 2 st; Direction, W
Velocity of clouds (miles per hour)

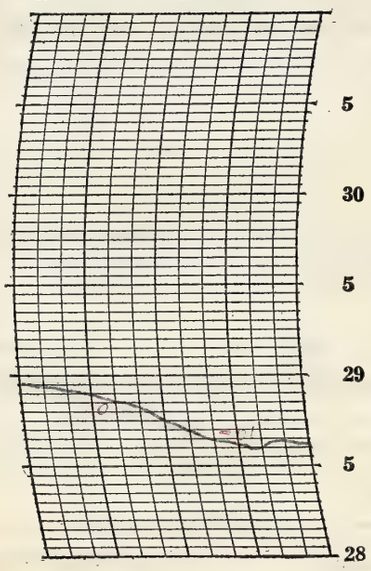
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]

Verified by [signature]

8—486

NOTES

A cloudy threatening day with very light sprinkles in the early afternoon. Mostly high clouds, fair to good flying weather.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) MAR 11 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	38	36	35	35	35	36	37	38	38	39	41	40	35	35	35	36	36	36	33	34	34	35
State of weather: Nature of precipitation and time of beginning and ending							SDB 6:30	SDE 7:10			SDB 10:45						SDE 4:30			SMB 7:45				SME DNP
Amounts of precipitation							T	T					.01									.01		
Cloudiness and other conditions													Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0.1	0.1	0.8	0.2	0.4	0	0	0						
Wind direction	SW	SW	W	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	9	9	12	11	10	11	10	10	13	14	12	13	15	17	14	13	11	11	14	16	15	14	15	13

Sunrise: Time, 5:59 Character, Cloudy
Moonrise:
Sunset: Time, 5:43 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

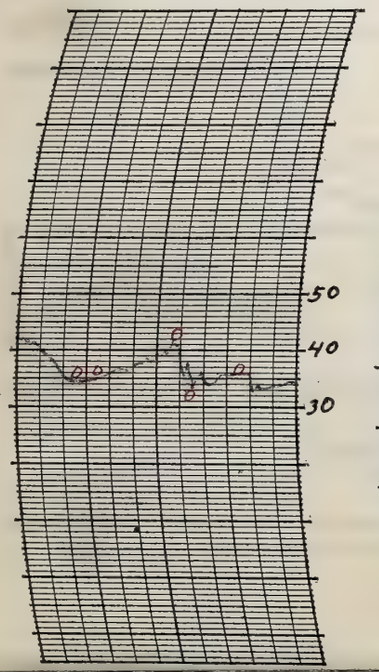
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	33	38	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.6 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 14
Prevailing wind direction, W Total wind, 302
Average hourly velocity, 12.6 Extreme velocity, 27
Maximum velocity, 22 Direction, W
Time began, 2:34 p.m.
Reduced barometer, 29.47 a. m. 29.54 p. m.
River gage, 4.2 feet
Relative humidity, 75 a. m. 74 p. m.

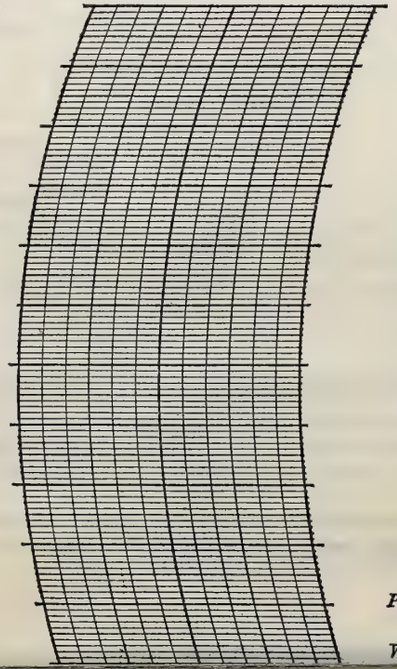
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 38.2 Wet temperature, 35.2
Dew-point, 31 R. humidity, 72 V. pressure, .122
Clouds: Amount, 10; Kind, st cu Direction, NW
Velocity of clouds (miles per hour)

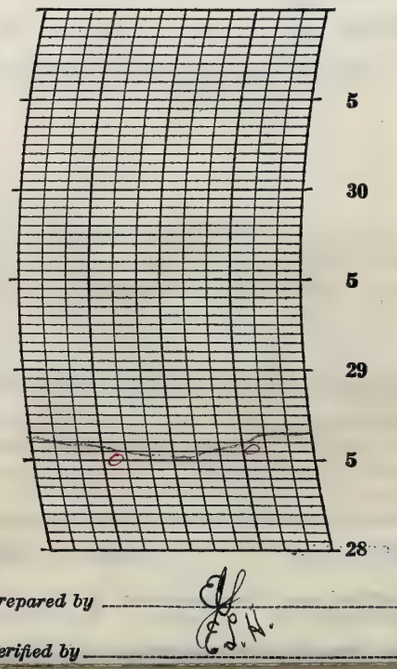
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by [illegible]

NOTES

A cloudy stormy day with sunshine for short periods between cu and st cu clouds. A severe line squall passed over the station at 2:45 pm moving from the northwest. Very heavy snowfall and strong shifting winds for about eight minutes. Conditions for flying was very bad from 2:35 p.m. until 3:30 pm and were not good at any time during the day. The visibility was very poor when the line squall was passing over. Snow flurries occurred from time to time throughout the day and into the night.

A 22° lunar halo was observed in the early evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) MAR 1 2 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	33	32	32	31	32	33	35	38	40	42	44	46	48	48	48	48	47	46	45	44	44	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						< Clear					X	Pdly	X			Clear								>
Sunshine (in tenths of hours)						0.05 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	0.73 0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	S	S	S	S	S	SW	SW
Wind movement	16	18	18	19	17	16	15	17	17	19	17	19	15	14	13	15	13	10	9	12	13	13	14	15
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:57 Character, Clear
Moonrise:

Sunset: Time, 5:44 Character, Clear
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	31	40	

Total depth of snow for 24 hours ending 7 p. m., 01 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.8 Possible sunshine, hours 11.8
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 364
Average hourly velocity, 15.2 Extreme velocity, 24
Maximum velocity, 23 Direction, W
Time began, 10:38 a.m.
Reduced barometer, 29.75 7 a. m. 29.82 7 p. m.
River gage, 4.2 feet
Relative humidity, 65 7 a. m. 54 7 p. m.

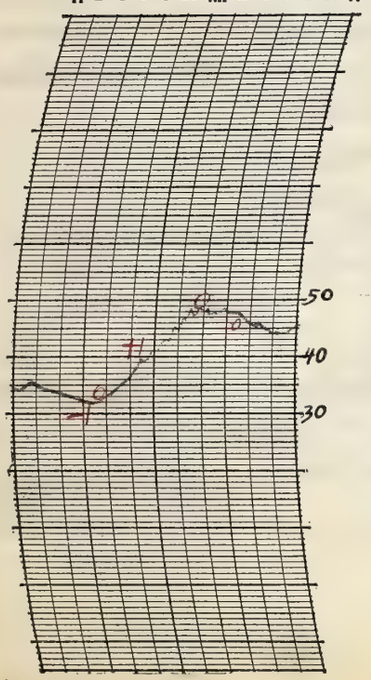
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

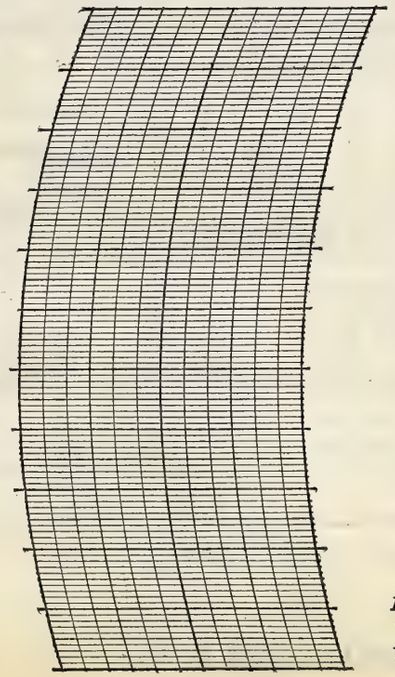
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.9 Wet temperature, 34.0
Dew-point, 21 R. humidity, 42 V. pressure, .108
Clouds: Amount, 4; Kind, cist; Direction, W
Velocity of clouds (miles per hour)

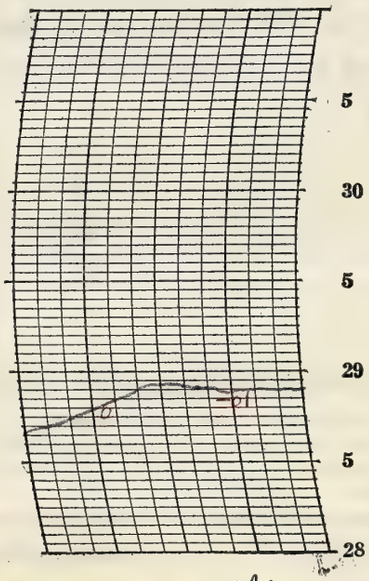
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH.
Verified by E.L.H.

8—486

NOTES

Mostly fair day - Sun shone through high clouds at times, Good flying conditions.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 13 1930, 193

Time (local standard 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	46	45	44	43	42	42	45	47	48	48	48	49	47	46	45	43	40	38	38	35	33	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy X							Part Cloudy											→
Sunshine (in tenths of hours)						0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	0.75 0						
Wind direction	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	NE	NE
Wind movement	17	15	15	7	9	8	6	8	11	10	12	11	10	11	13	10	10	8	9	11	12	15	14	13
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:56 Character, Cloudy
Moonrise:
Sunset: Time, 5:45 Character, Clear
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	31	40	

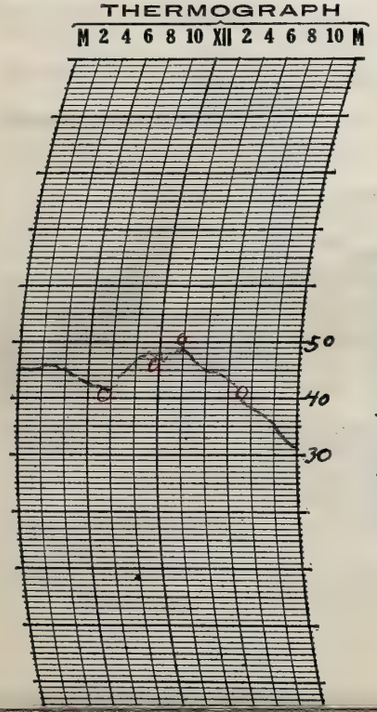
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.2 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 86
Prevailing wind direction, NW Total wind, 265
Average hourly velocity, 110 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 12:40 2 m.
Reduced barometer, 29.80 7 a. m., 30.26 7 p. m.
River gage, 3.8 feet
Relative humidity, 81 7 a. m. 49 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

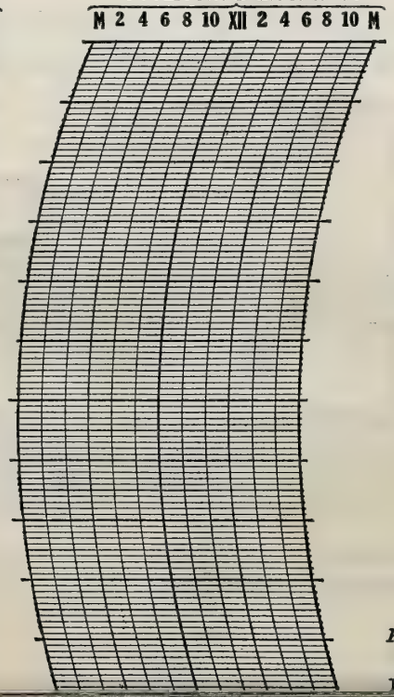
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 48.2 Wet temperature, 40.7
Dew-point, 31 R. humidity, 51 V. pressure, .172
Clouds: Amount, 4; Kind, 2 Cu; Direction, W
Velocity of clouds (miles per hour)

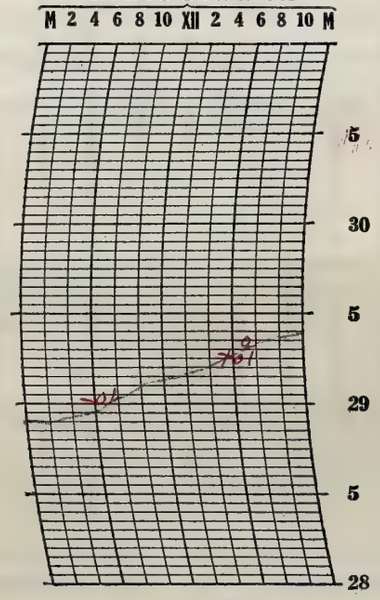
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

A partly cloudy to cloudy day. Fair ceiling, good visibility, fair flying conditions.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 14 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	27	27	25	24	23	25	27	29	32	36
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear →						
Sunshine (in tenths of hours)						0.10 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	10	10	11	12	11	10	11	12	15	13	12

Sunrise: Time, 5:54 Character, Clear

Moonrise: ——— ———

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	39	39	39	38	36	33	31	30	29	28	28
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6 0.4	0.77 0						
Wind direction	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	12	11	10	9	7	7	10	8	7	7	7

Sunset: Time, 5:46 Character, Clear

Moonset: ——— ———

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	23	31	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 11.9 Possible sunshine, hours, 11.9

Per cent of possible sunshine, 100

Prevailing wind direction, NE Total wind, 244

Average hourly velocity, 10.2 Extreme velocity, 20

Maximum velocity, 19 Direction, NE

Time began, 10:04 a. m.

Reduced barometer, 30.53 7 a. m. 30.45 7 p. m.

River gage, 3.5 fall

Relative humidity, 65 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

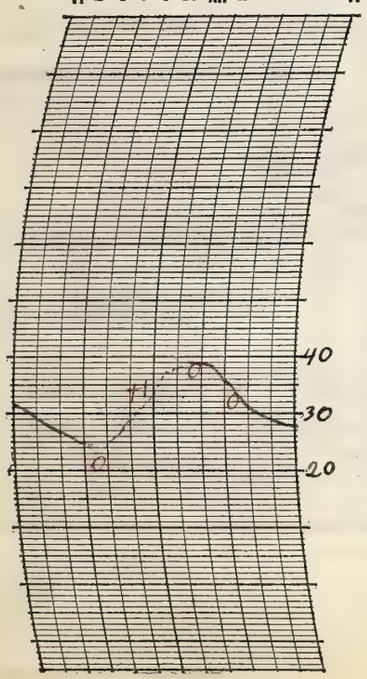
Dry temperature, 35.9 Wet temperature, 31.2

Dew-point, 24 R. humidity, 59 V. pressure, .124

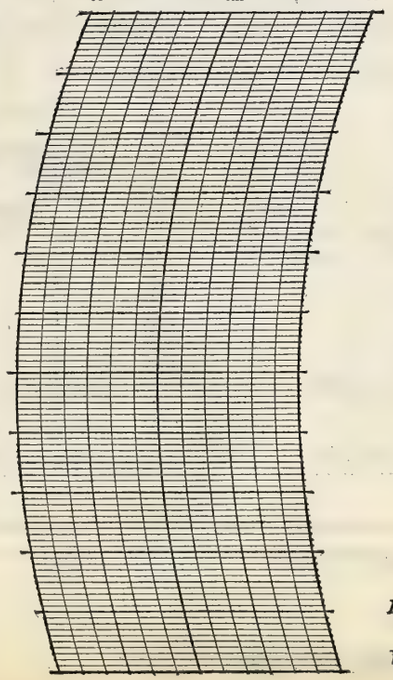
Clouds: Amount, 1; Kind, cirr.; Direction, NW.

Velocity of clouds (miles per hour)

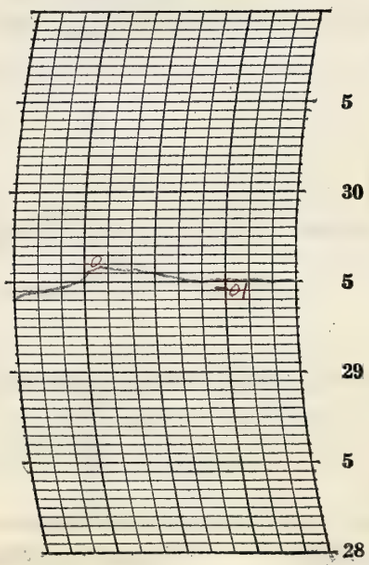
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.H.

Verified by E.F.H.

8—486

NOTES

A clear, cold morning - followed by near normal temperatures in the afternoon. - Good visibility

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 15 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	26	26	26	26	25	27	32	35	40	46	50	52	54	55	54	53	52	50	48	44	40	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							← Pt. Cloudy						×			Clear								→
Sunshine (in tenths of hours)						0.12 0	1.0 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.78 0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	E	SE	E	E	E	E
Wind movement	6	7	6	6	6	6	5	6	6	6	5	5	5	6	5	6	5	4	3	4	3	3	5	4

Sunrise: Time, 5:53 Character, Clear
Moonrise:
Sunset: Time, 5:47 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

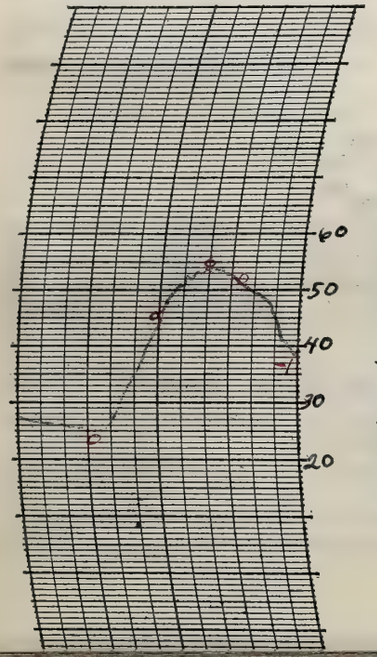
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	55	25	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.9 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind, 123
Average hourly velocity, 5.1 Extreme velocity, 9
Maximum velocity, 9 Direction, SE
Time began, 3:34 pm
Reduced barometer, 30.41 7 a. m., 30.21 7 p. m.
River gage, 3.2 feet
Relative humidity, 69 7 a. m. 36 7 p. m.

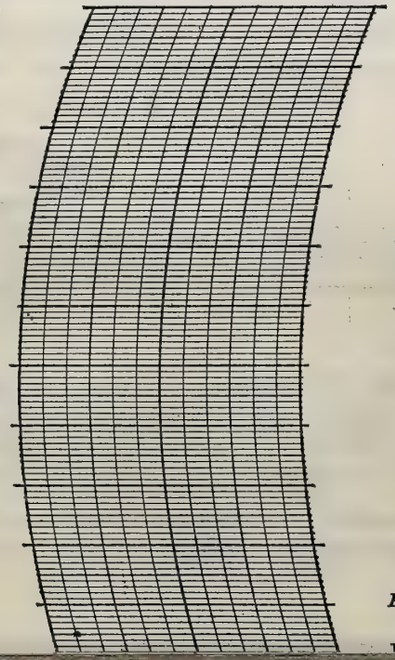
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.1 Wet temperature, 36.1
Dew-point, 20 R. humidity, 34 V. pressure, .103
Clouds: Amount, 4; Kind, 2 st; Direction,
Velocity of clouds (miles per hour)

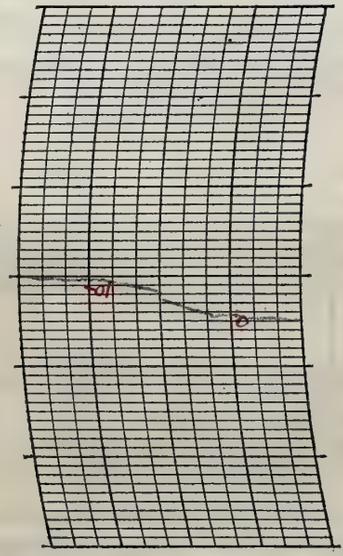
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]

Verified by [signature]

NOTES

Mostly partly cloudy in the early morning - but clear most of the day, but very hazy - a general hazy condition prevailed in the vicinity but the haze was more dense over the city - the southeast winds blew the smoke from the industrial section over the city. Flying conditions good.
Dense haze 7:00 a.m. to 11:00 a.m.
Light haze 11:00 a.m. to 12:00 noon

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 1 8 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	41	41	42	42	42	42	46	54	62	66	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear						
Sunshine (in tenths of hours)						0.15 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0
Wind direction	E	SE	S	S	SW	SW	W	W	W	W	W	SW
Wind movement	2	4	3	4	8	8	9	8	9	9	11	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	71	70	69	67	64	62	59	57	55	53	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	0.8	0.8	0.3 0.7	0.80 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	14	15	17	14	11	8	10	9	9	9	9

Sunrise: Time, 5:51 Character, Clear
Moonrise: ____ ____
Sunset: Time, 5:48 Character, Clear
Moonset: ____ ____

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

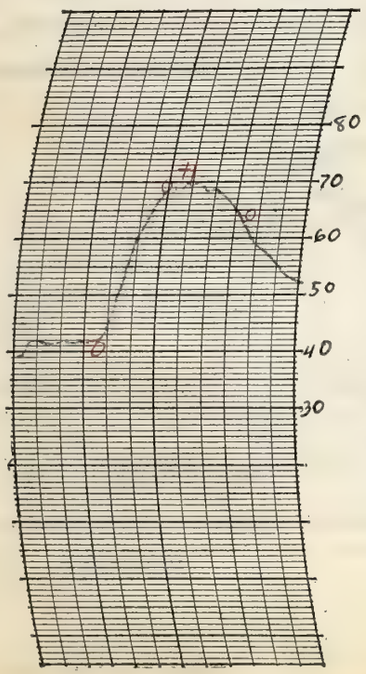
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	39	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 11.6 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 97
Prevailing wind direction, SW Total wind, 227
Average hourly velocity, 9.0 Extreme velocity, 23
Maximum velocity, 21 Direction, SW
Time began, 3:58 p.m.
Reduced barometer, 30.13 a. m. 29.97 p. m.
River gage, 3.0 feet
Relative humidity, 66 a. m. 53 p. m.

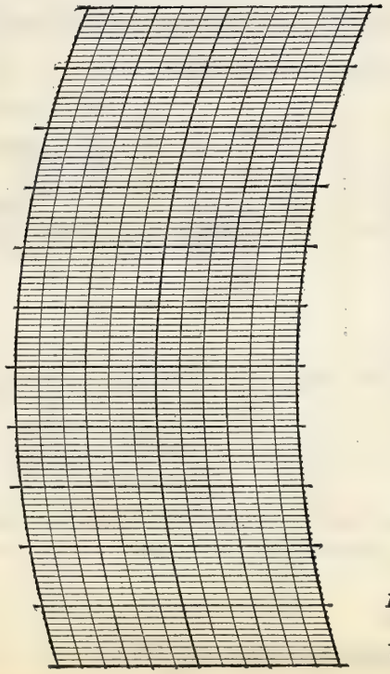
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.0 Wet temperature, 54.5
Dew-point, 42 R. humidity, 38 V. pressure, .266
Clouds: Amount, 1; Kind, cu; Direction, W
Velocity of clouds (miles per hour) ____

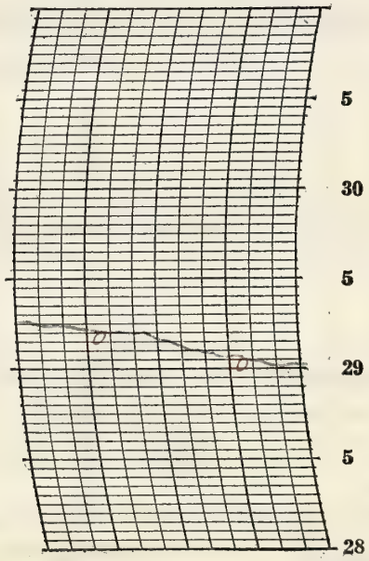
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]
Verified by [signature]

8—486

NOTES

A mostly clear day with some cumulus clouds at mid-day. Fine flying conditions fine visibility.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind. (Day of week) Monday, (Date) MAR 17 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	53	53	54	54	54	56	58	62	61	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Pt Cldy					Cloudy	
Sunshine (in tenths of hours)						0	0	0	0.5	0.9	0.3	0
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	9	8	10	12	12	12	11	15	15	13	12	10

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	55	50	48	46	45	44	43	41	40	40
State of weather: Nature of precipitation and time of beginning and ending	RB 12:20 RE 12:30							RB 7:25				R cont
Amounts of precipitation	T							T	.01	T	.02	.01
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0.1	0	0	0	0	0						
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	N	NE	NE
Wind movement	11	12	12	10	9	11	7	6	7	7	7	7

Sunrise: Time, 5:49 Character, Cloudy
Moonrise:

Sunset: Time, 5:50 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

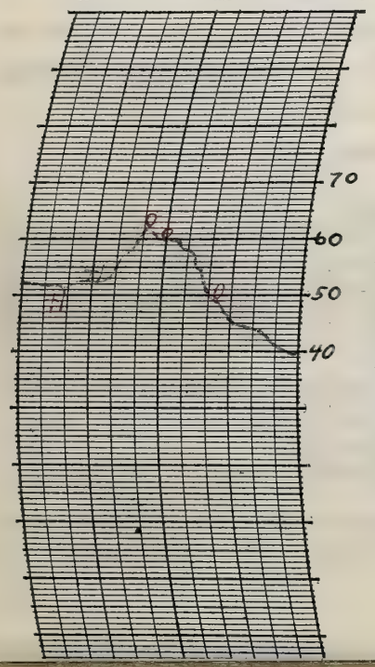
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	40	52	

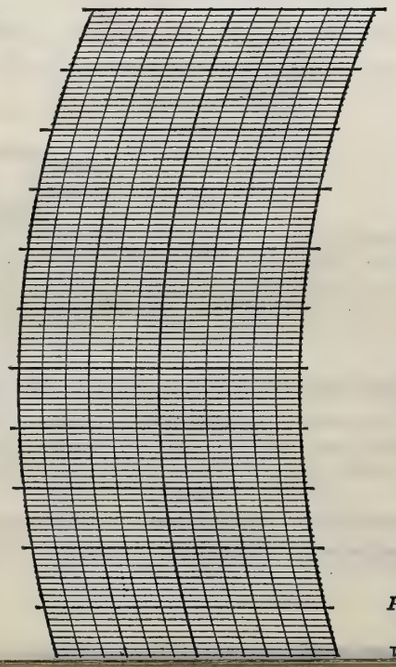
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.8 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 15
Prevailing wind direction, SW Total wind, 245
Average hourly velocity, 10.2 Extreme velocity, 20
Maximum velocity, 18 Direction, SW
Time began, 7:43 a.m.
Reduced barometer, 29.84 7 a. m. 29.81 7 p. m.
River gage, 2.8 fall
Relative humidity, 85 7 a. m. 80 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 60.0 Wet temperature, 55.0
Dew-point, 51 R. humidity, 73 V. pressure, .373
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour)

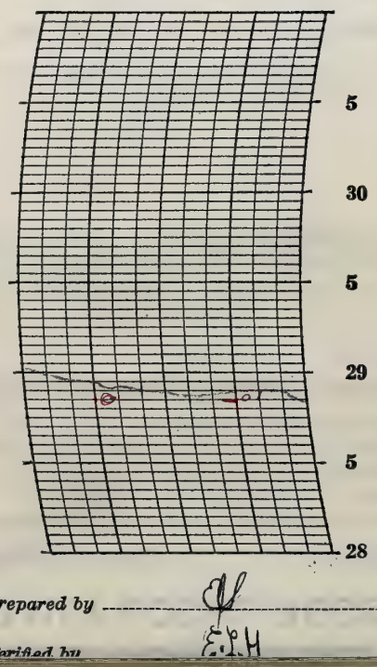
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.H.

NOTES

A cloudy day with a few drops of rain at 12:20 p.m. A steady rain began at 7:25 p.m. and continued during the night it was very light until about midnight. The rain was badly needed and will be a great help to wheat.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) MAR 1 ~~2~~ 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	37	36	36	35	34	33	32	32	31	30	30	30	30	31	31	31	31	31	31	30	29	29
State of weather: Nature of precipitation and time of beginning and ending							RE 6:20			RB 9:10			RE 12:15 SIB 12:15 OFE 12:25 SMB 12:35			SME 4:00p								
Amounts of precipitation	.17			.24							.01			.01										
Cloudiness and other conditions													Cloudy											
Sunrise: Time, 5:48 Character, Cloudy																					Sunset: Time, 5:51 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	N	N	NW	NW	NW	NW	W	NW	W	W
Wind movement	6	8	11	11	10	13	12	14	12	12	13	12	10	11	9	7	7	8	6	6	8	7	5	6
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	29	34	

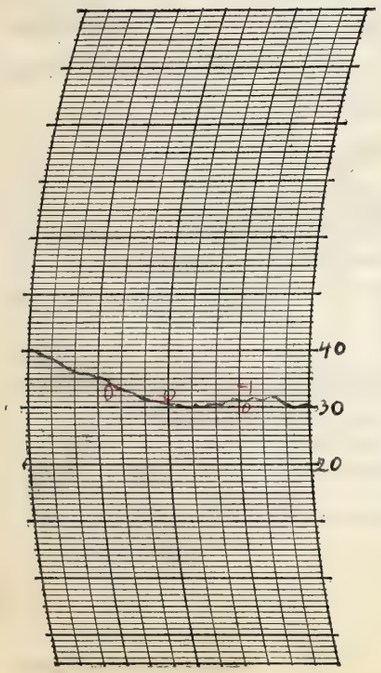
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., .85 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, 0.93 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 224
Average hourly velocity, 4.3 Extreme velocity, 18
Maximum velocity, 18 Direction, NE
Time began, 7:19 a. m.
Reduced barometer, 29.65 a. m. 29.66 p. m.
River gage, 3.8 feet
Relative humidity, 85 a. m. 87 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

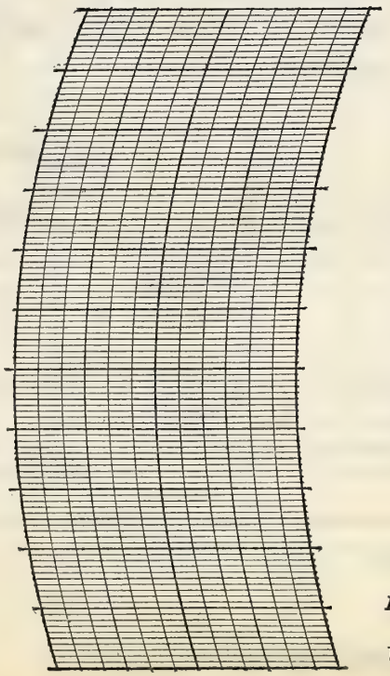
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.0 Wet temperature, 30.0
Dew-point, 30 R. humidity, 100 V. pressure, .164
Clouds: Amount, 10; Kind, st; Direction, NE
Velocity of clouds (miles per hour)

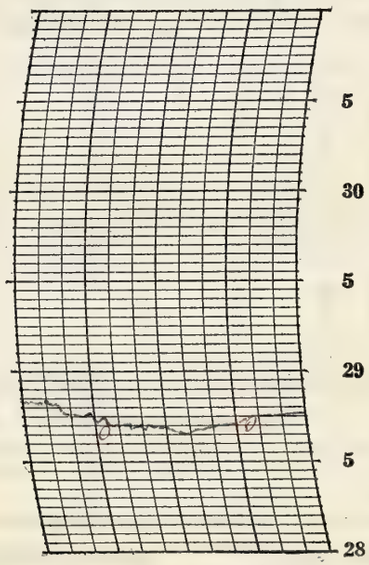
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

A cloudy, unsettled day. The light rain that began to fall at 9:15 a.m. began to freeze on wind shields about 11:30 a.m. and rain and snow continued to freeze on them until 4:00 p.m. The snow flurries were light and ceiling remained at 1000 feet or higher at all times, and visibility was fair to good, some ice on wings of planes from the north kept all local planes on the ground.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 19 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	30	30	30	29	29	28	29	30	32	34	37	38	39	41	42	40	40	38	37	36	36	35	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)						0.23 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	0.87 0						
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	5	6	6	7	7	6	7	9	11	12	13	13	13	14	12	12	11	7	6	6	8	7	7	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:46 Character, Clear
Moonrise:
Sunset: Time, 5:52 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

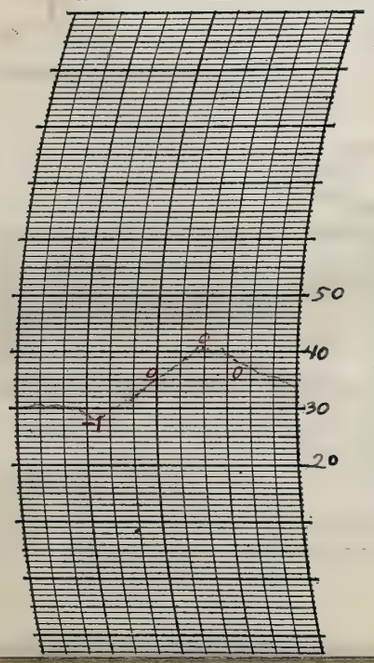
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	28	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.1 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 213
Average hourly velocity, 8.9 Extreme velocity, 18
Maximum velocity, 17 Direction, W
Time began, 1:23 p.m.
Reduced barometer, 29.76 a. m., 29.84 p. m.
River gage, 5.4 feet
Relative humidity, 82 a. m. 55 p. m.

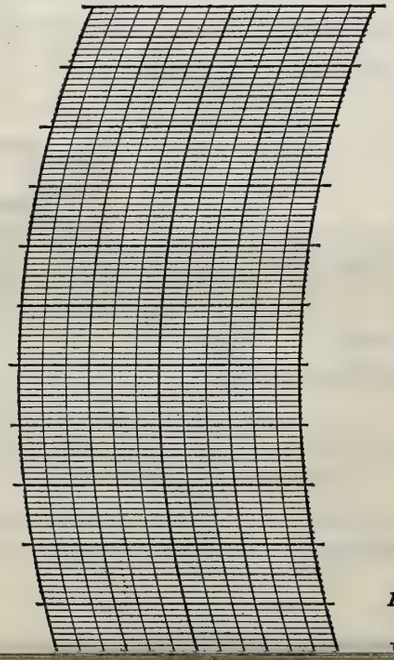
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 36.6 Wet temperature, 30.1
Dew-point, 19 R. humidity, 45 V. pressure, .098
Clouds: Amount, 1; Kind, cu.; Direction, NW
Velocity of clouds (miles per hour)

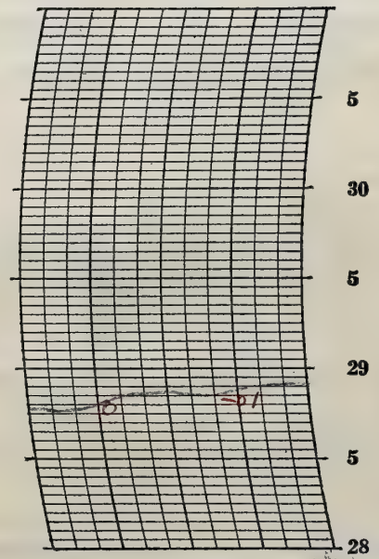
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

A clear, moderate day after a cool morning. Good flying weather, good visibility.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 20 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	33	33	34	34	35	37	42	47	51	54
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear						
Sunshine (in tenths of hours)						0 (0.27)	0.5 (1.0)	0.5	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	8	9	9	10	11	12	14	17	18	14
Maximum velocities (exceeding 24 miles) direction and time										25 SW 9:30		

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	57	57	55	51	49	42	39	37	34	34	32
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Partly				Cloudy					→
Sunshine (in tenths of hours)	1.0	1.0	0.9	0	0	0						
Wind direction	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	15	16	15	14	12	14	18	14	13	13	15	12

Sunrise: Time, 5:44 Character, Clear

Moonrise:

Sunset: Time, 5:53 Character, Cloudy

Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	32	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 9.2 Possible sunshine, hours, 12.2

Per cent of possible sunshine, 75

Prevailing wind direction, SW Total wind, 309

Average hourly velocity, 12.8 Extreme velocity, 27

Maximum velocity, 25 Direction, SW

Time began, 9:50 a.m.

Reduced barometer, 29.82 7 a. m. 29.87 7 p. m.

River gage, 5.3 feet

Relative humidity, 73 7 a. m. 57 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

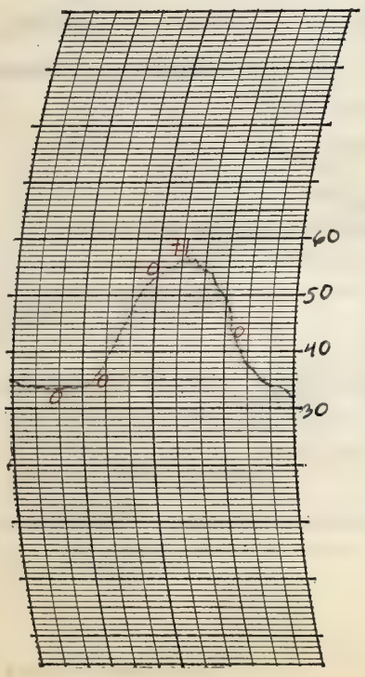
Dry temperature, 54.1 Wet temperature, 45.1

Dew-point, 35 R. humidity, 48 V. pressure, .203

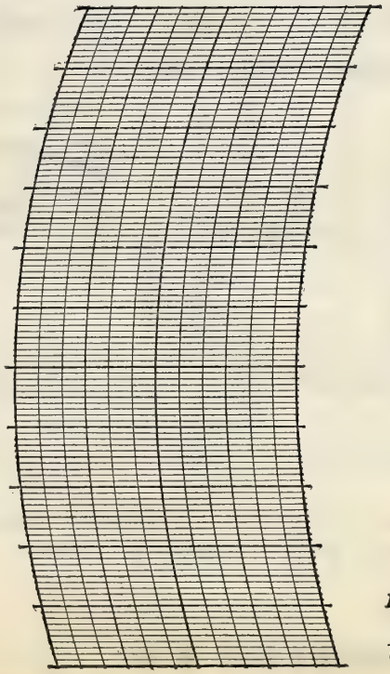
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

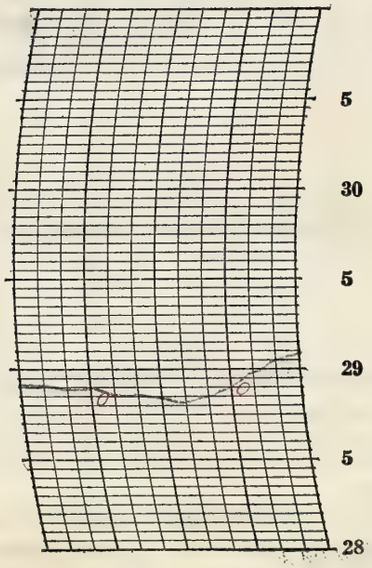
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Clear in the morning, increasing cloudiness in the afternoon - good flying weather, good visibility. Cold wave warning for tonight or Friday with temperatures fifteen to twenty above before Friday night received 8:23 a.m. flag hoisted immediately.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 21 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	28	28	27	26	25	24	25	26	28	30	31	32	33	34	34	33	32	30	28	27	26	26	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Partly	Partly					Part Cloudy											
Sunshine (in tenths of hours)						0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	0.9 0						
Wind direction	N	N	N	N	N	N	N	N	N	N	NE	N	N	N	N	N	N	N	N	N	N	NE	NE	NE
Wind movement	10	8	7	8	9	7	9	10	8	9	8	8	8	8	8	8	9	9	8	8	7	7	7	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:43 Character, Cloudy
Moonrise:
Sunset: Time, 5:54 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

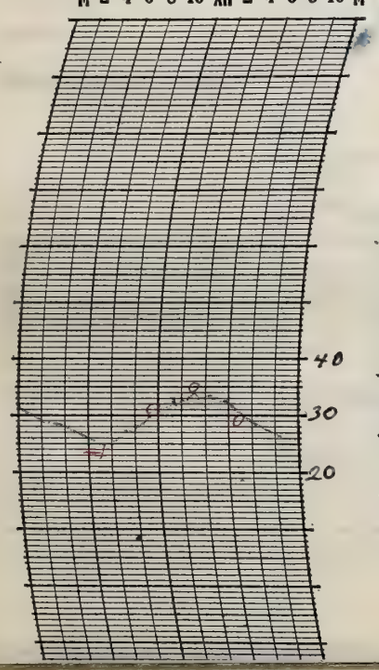
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	24	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.4 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 85
Prevailing wind direction, N Total wind, 194
Average hourly velocity, 8.1 Extreme velocity, 12
Maximum velocity, 12 Direction, N
Time began, 7:11 a.m.
Reduced barometer, 30.18 7 a. m., 30.22 7 p. m.
River gage, 4.6 feet
Relative humidity, 62 7 a. m. 44 7 p. m.

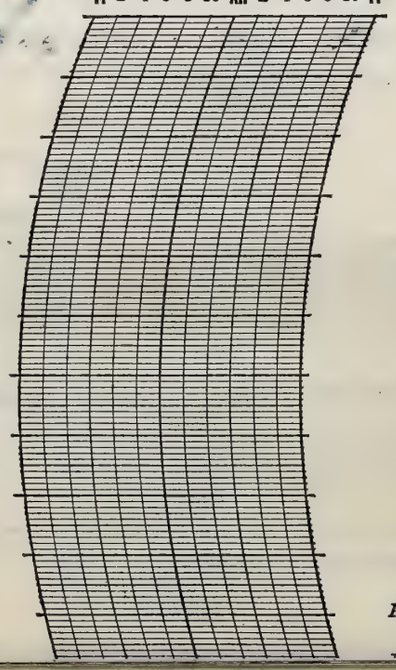
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 31.2 Wet temperature, 25.8
Dew-point, 14 R. humidity, 45 V. pressure, .077
Clouds: Amount, 6; Kind, cirst; Direction, W
Velocity of clouds (miles per hour)

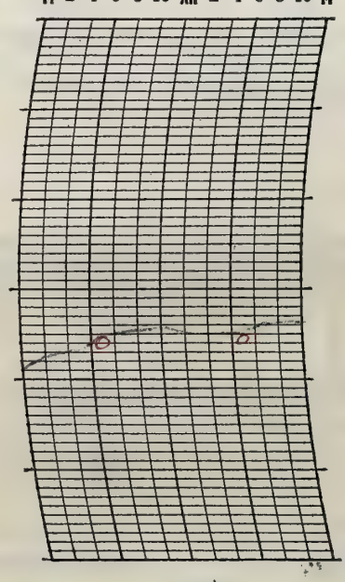
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS
F P U.

NOTES

A partly cloudy, cold day. Good visibility, high ceiling and good flying weather.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) MAR 22 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	23	23	21	21	21	23	25	27	29	30	32	34	36	36	36	35	34	33	32	31	29	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear →																		
Sunshine (in tenths of hours)						0 (0.32)	0 (1.0)	0.5 (0.5)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 (0.4)	0 (0.92)						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	E	E	NE	NE	E	E	E	SE	SE
Wind movement	5	4	3	5	5	8	7	8	8	11	8	6	6	5	6	4	5	4	2	2	4	4	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:41 Character, Clear
Moonrise:
Sunset: Time, 5:55 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

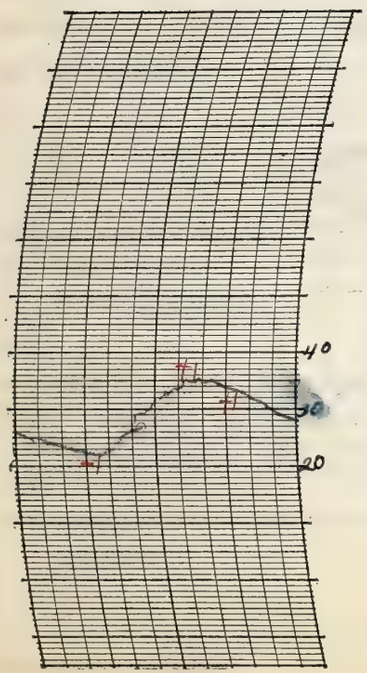
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
36	21	28	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 12.2 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 130
Average hourly velocity, 5.4 Extreme velocity, 13
Maximum velocity, 13 Direction, N
Time began, 9:26 a m
Reduced barometer, 30.32 a. m. 30.20 p. m.
River gage, 4.3 feet
Relative humidity, 64 a. m. 40 p. m.

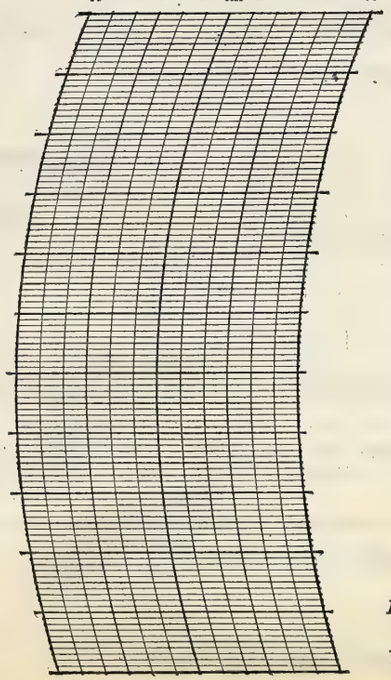
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 30.4 Wet temperature, 24.8
Dew-point, 12 R. humidity, 42 V. pressure, .070
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

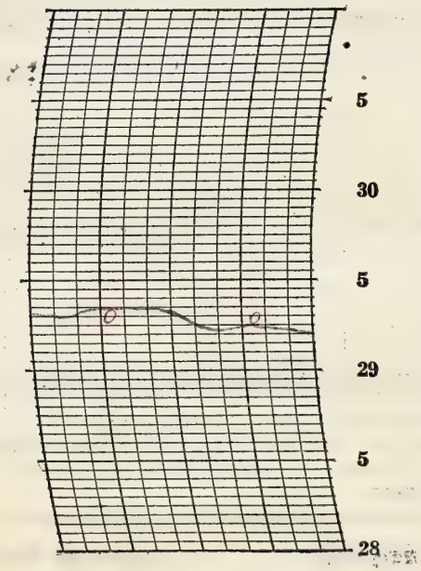
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by G.H.
Verified by E.L.H.

8—486

NOTES

a clear day with light to gentle winds

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 23 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	27	28	28	28	28	30	32	35	38	41	43	46	48	48	49	48	48	48	48	48	49	45
State of weather: Nature of precipitation and time of beginning and ending																								RB 11:15 P cont
Amounts of precipitation																								T
Cloudiness and other conditions						←						Cloudy												→
Sunrise: Time, 5:39 Character, Clear																					Sunset: Time, 5:56 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.25 0	1.0 0	0.2 0	0	0.9	1.0	1.0	1.0	1.0	1.0	0	0	0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	SE
Wind movement	5	6	5	5	6	5	4	7	9	10	10	10	13	13	11	11	9	9	8	9	9	9	9	7
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	27	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 7.4 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 60
Prevailing wind direction, SE Total wind, 199
Average hourly velocity, 8.3 Extreme velocity, 17
Maximum velocity, 15 Direction, SE
Time began, 2:06 p.m.
Reduced barometer, 30.14 a. m. 29.72 p. m.
River gage, 4.0 feet
Relative humidity, 66 a. m. 46 p. m.

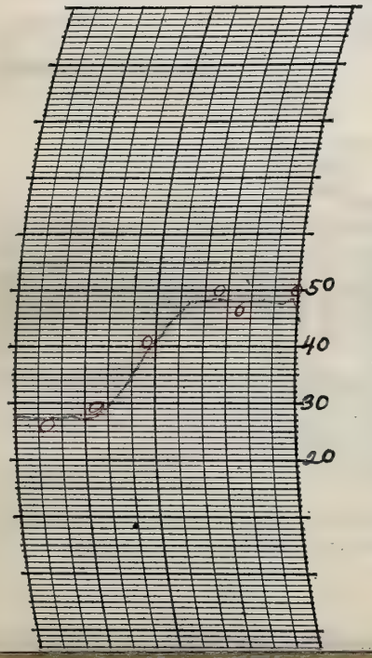
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

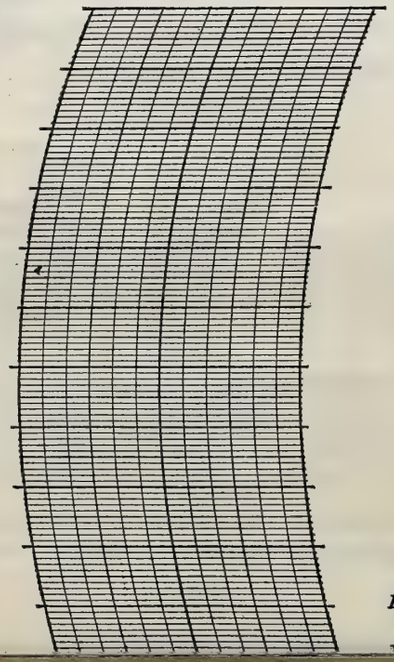
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 40.8 Wet temperature, 32.2
Dew-point, 16 R. humidity, 35 V. pressure, .085
Clouds: Amount, 2 6; Kind, 2 at; Direction, East W W
Velocity of clouds (miles per hour)

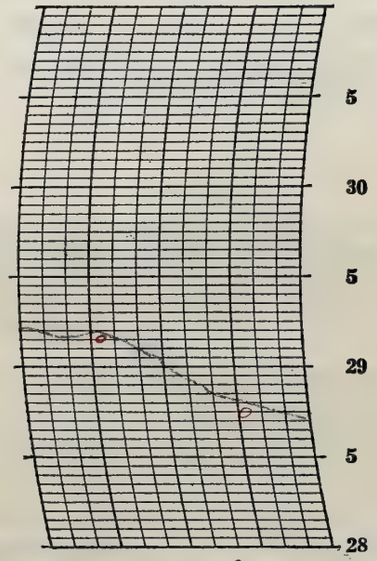
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

NOTES

A 22° solar halo was observed in the early part of the afternoon
Tipping bucket inserted next day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 24 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	40	38	37	37	38	37	37	38	39	40	40
Nature of precipitation and time of beginning and ending	R cont						RE 6:45	RB 7:05		RE 9:45		
Amounts of precipitation			.0	T				.03	.04	T		
Cloudiness and other conditions							Light Fog	Dense Fog				

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	40	39	38	38	37	36	36	35	35	33
Nature of precipitation and time of beginning and ending			RB 2:05									R cont
Amounts of precipitation			.01	.01	.02	T	.01	T	T	T	.01	.01
Cloudiness and other conditions			Cloudy Light Fog									

Sunrise: Time, 5:38 Character, Cloudy

Moonrise:

Sunset: Time, 5:52 Character, Cloudy

Moonset:

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NW	E	E	E	NE	E	NE	NE	NE	NE	NE	NE
Wind movement	6	4	4	4	3	3	3	4	5	4	7	6

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	8	11	12	14	14	14	15	16	16	16	17

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	33	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .07 ins.; to 7 p. m., .12 ins.

Total precipitation, midnight to midnight, .18 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.3

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind, 214

Average hourly velocity, 8.9 Extreme velocity, 23

Maximum velocity, 22 Direction, NE

Time began, 11:15 p.m.

Reduced barometer, 29.62 7 a. m. 29.62 7 p. m.

River gage, 3.6 feet

Relative humidity, 91 7 a. m. 97 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

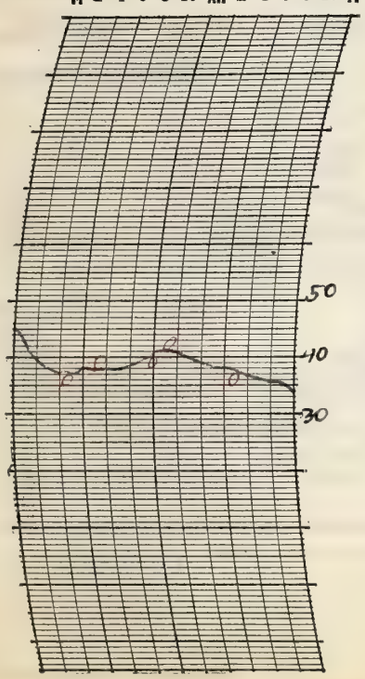
Dry temperature, 40.3 Wet temperature, 39.8

Dew-point, 39 R. humidity, 96 V. pressure, .237

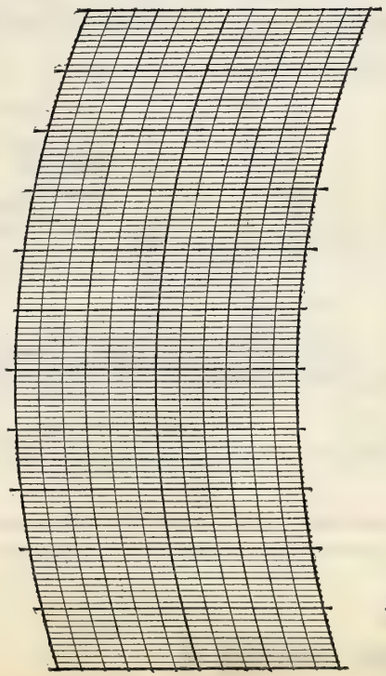
Clouds: Amount, 10; Kind, 10 Light Fog; Direction, NE

Velocity of clouds (miles per hour)

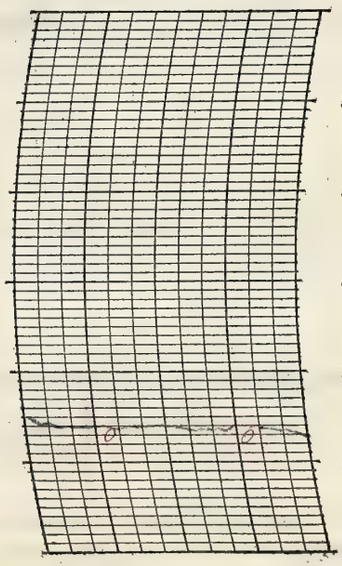
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.D.H.

8—486

NOTES

Rain continued from the P.M. of the 23rd but ended during observation time. There was fog both light and dense in the morning. Light fog began 6:35 a ended 7:10 a. Dense fog began 7:10 a ended 9:40 a. Light fog began 9:40 a ended 5:00 pm. Visibility remained about 1/4 to 3/4 mile all day. Ceilings averaged about 300 feet throughout the day. The light rain that began during the afternoon caused streets to become very slippery and slick by 5:00 p.m. and sidewalks were also slippery.

Tipping bucket inserted 6:41 a m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 25 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	31	31	30	30	30	30	30	30	30	30
State of weather: Nature of precipitation and time of beginning and ending	R cont	RE DN2	RB DN2		RE DN2	RB 5:20	RE 6:35	RB 7:05 RE 7:30 SMB 7:30	SME 8:50 RB 8:50			
Amounts of precipitation	.03	T				.08						
Cloudiness and other conditions								fg			Cloudy	

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	29	28	28	27	27	26	25	23	22
State of weather: Nature of precipitation and time of beginning and ending							RE 6:20 SMB 6:20					SM cont
Amounts of precipitation	.08									.03		
Cloudiness and other conditions												

Sunrise: Time, 5:36 Character, Cloudy

Moonrise:

Sunset: Time, 5:58 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	18	18	20	18	17	18	16	13	12	11	10	8

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	N	N	N	N	NW	NW	NW	NW
Wind movement	8	7	8	9	9	8	6	7	9	9	10	9

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	22	28	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow, sleet, and hail on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, 0.6 inches.

Precipitation to 7 a. m., 0.13 ins.; to 7 p. m., 0.08 ins.

Total precipitation, midnight to midnight, 0.22 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 0

Prevailing wind direction, NE Total wind, 278

Average hourly velocity, 11.6 Extreme velocity, 23

Maximum velocity, 22 Direction, NE

Time began, 1:59 a. m.

Reduced barometer, 29.32 7 a. m. 29.24 7 p. m.

River gage, 3.4 feet

Relative humidity, 98 7 a. m. 96 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

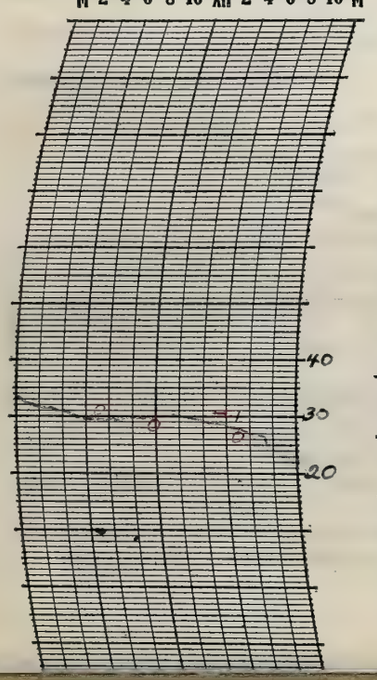
Dry temperature, 30.0 Wet temperature, 29.8

Dew-point, 30 R. humidity, 98 V. pressure, .164

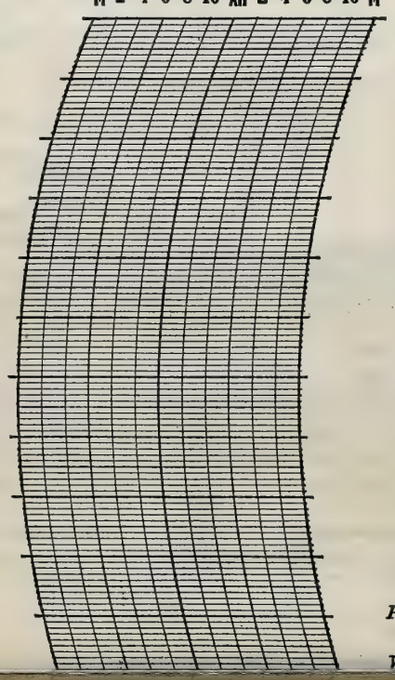
Clouds: Amount, 10; Kind, st; Direction, NW

Velocity of clouds (miles per hour)

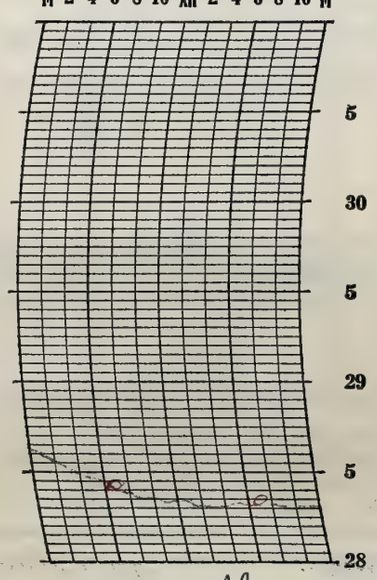
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E. H.

NOTES

The light mist and rain began to cling to the wires and glaze began to form about 3:00 a.m. At 6:00 a.m. the glaze wire measured 5/16 of an inch all over but there were no icicles. Visibility very poor and ceilings low. Conditions were favorable for the forming of ice on wings of planes. Local airports advised of unfavorable conditions in all directions.

Light fog began 7:40 a.m. ended 8:20 a.m.

Tippits bucket froze DN 2 and removed at 6:38 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 25 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23 SM cont	24	25	25	25	26	25	26	26	26	26	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			.05				X					0.7
Cloudiness and other conditions												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	SW	W	W	SW	SW	W
Wind movement	8	10	8	9	9	8	10	12	12	12	13	12

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	28	27	28	28	27	27	27	27	27	27 SM cont
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation								X			0.1	
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	13	14	15	14	15	12	13	13	12	14	15	13

Sunrise: Time, 5:34 Character, Cloudy

Moonrise:

Sunset: Time, 5:59 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	22	25	

Total depth of snow for 24 hours ending 7 p. m., 2.5 inches.

Snow, sleet, and hail on ground 7 p. m., 2.4 inches.

Total snowfall, midnight to midnight, 2.1 inches.

Precipitation to 7 a. m., 0.08 ins.; to 7 p. m., .07 ins.

Total precipitation, midnight to midnight, .13 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind, 286

Average hourly velocity, 11.9 Extreme velocity, 17

Maximum velocity, 16 Direction, SW

Time began, 2:52 p.m.

Reduced barometer, 29.24 7 a. m. 29.61 7 p. m.

River gage, 0.4 feet

Relative humidity, 100 7 a. m. 94 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

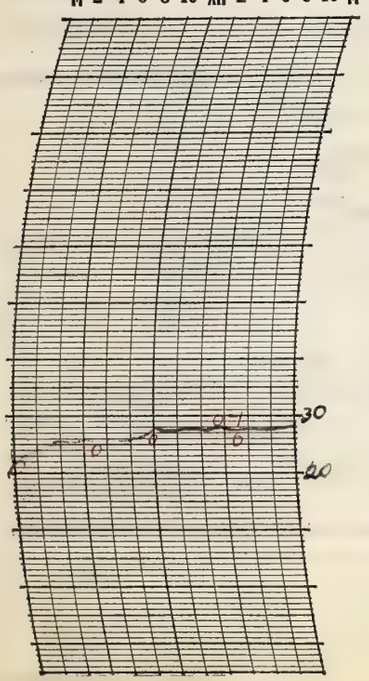
Dry temperature, 27.2 Wet temperature, 26.9

Dew-point, 27 R. humidity, 96 V. pressure, .143

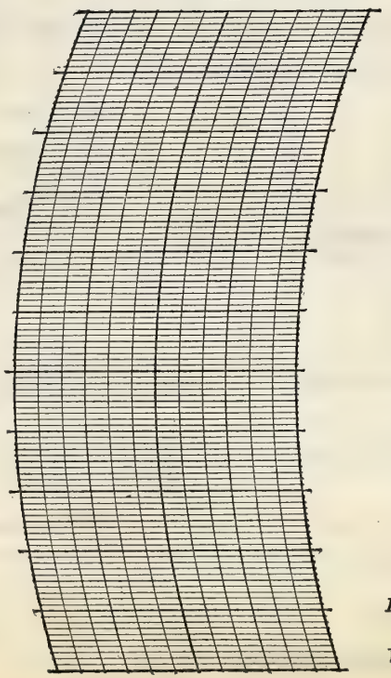
Clouds: Amount, 10; Kind, St; Direction, W

Velocity of clouds (miles per hour)

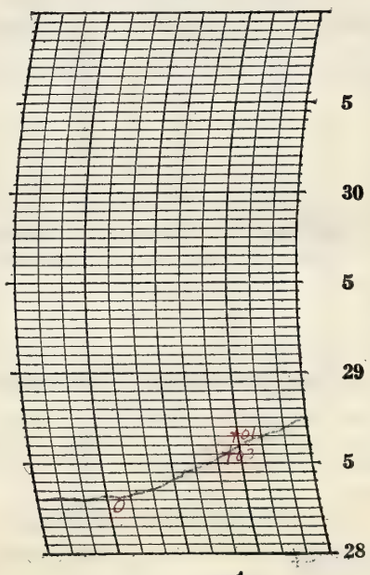
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

The glaze remained on the wires all day. The maximum glaze on wires was ½ inch over all at 6:00 p.m. of the 25th

Cloudy, snowy day, poor visibility. An army tri-motored plane was forced down at the city field by high winds and poor visibility at 8:30 a.m. No damage occurred

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 27 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	27	26	25	25	27	28	29	31	32	32
Nature of precipitation and time of beginning and ending	S^M cont		SME DNA									
Amounts of precipitation	←	0.1	→									
Cloudiness and other conditions						←			Cloudy			
Sunshine (in tenths of hours)						0	0	0.2	0.6	0.8	0.3	0.8
Wind direction	W	SW	W	W	SW	W	W	W	W	W	W	W
Wind movement	13	11	12	12	11	11	10	9	10	12	14	18

Sunrise: Time, 5:33 Character, Cloudy
Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	33	34	34	33	33	33	33	33	32	32
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.9	1.0	1.0	0.1	0	0						
Wind direction	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	20	17	17	12	14	10	9	9	9	8	8	7

Sunset: Time, 6:00 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

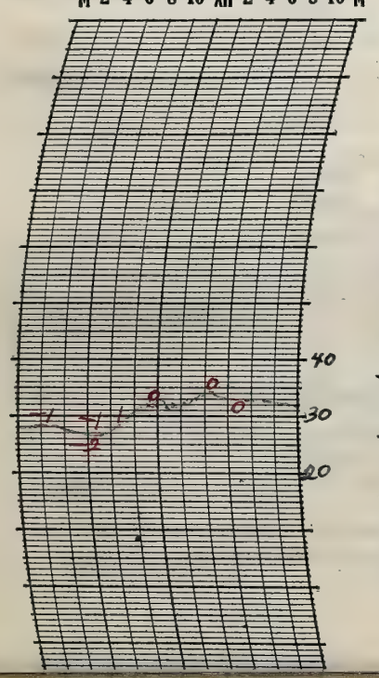
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	25	30	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.
Snow, sleet, and hail on ground 7 p. m., 1.7 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.7 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 46
Prevailing wind direction, 283 Total wind, W
Average hourly velocity, 11.8 Extreme velocity, 24
Maximum velocity, 23 Direction, W
Time began, 12:43 p.m.
Reduced barometer, 29.84 7 a. m. 30.02 7 p. m.
River gage, 6.2 feet
Relative humidity, 94 7 a. m. 91 7 p. m.

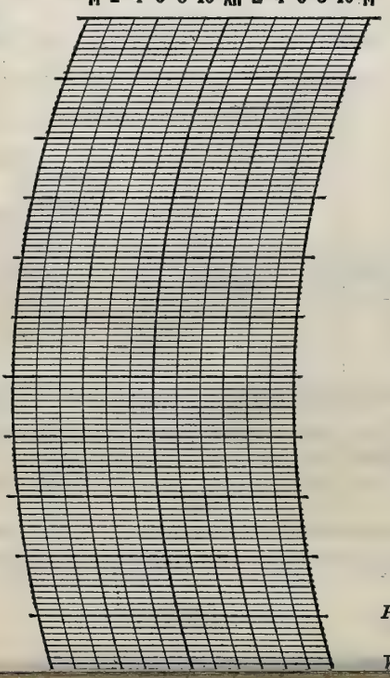
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 32.0 Wet temperature, 30.0
Dew-point, 27 R. humidity, 79 V. pressure, .143
Clouds: Amount, 6 2 ; Kind, Cu cst ; Direction, W W
Velocity of clouds (miles per hour)

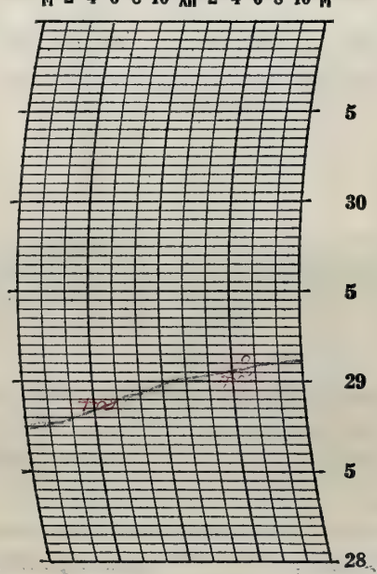
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Glaze fell off wires about 9:00 a.m. A cloudy day. The army plane took off for Omaha at 9:45 a.m. and had a good trip all the way. Flying conditions at Fort Wayne fair.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 28 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	28	27	27	26	27	29	33	34	36	37	38	39	40	40	40	39	37	36	35	35	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear			×	Cldy		×			Clear						→
Sunshine (in tenths of hours)						0.48 0	1.0 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	0.8 0.2	0.02 0					
Wind direction	SW	SW	S	WS	W	SW	SW	SW	SW	W	W	W	W	W	SW	W	SW	W	W	W	SW	S	S	S	SW
Wind movement	8	7	6	8	10	8	6	7	9	11	12	11	11	11	12	11	11	10	6	5	6	8	9	8

Sunrise: Time, 5:31 Character, Clear
Moonrise:
Sunset: Time, 6:01 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

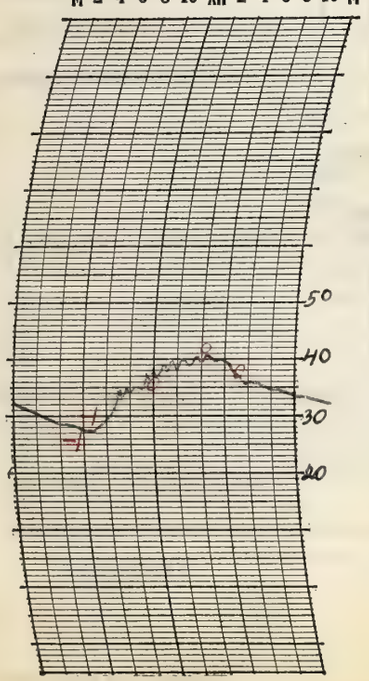
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	26	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.5 Possible sunshine, hours, 12.5
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 211
Average hourly velocity, 8.8 Extreme velocity, 15
Maximum velocity, 15 Direction, W
Time began, 11:30 2 m
Reduced barometer, 30.01 7 a. m. 29.94 7 p. m.
River gage, 5.3 fall
Relative humidity, 88 7 a. m. 57 7 p. m.

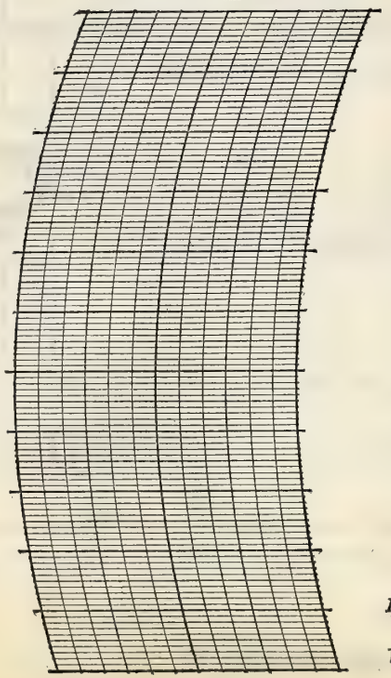
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.0 Wet temperature, 33.4
Dew-point, 28 R. humidity, 69 V. pressure, 1.50
Clouds: Amount, 4; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

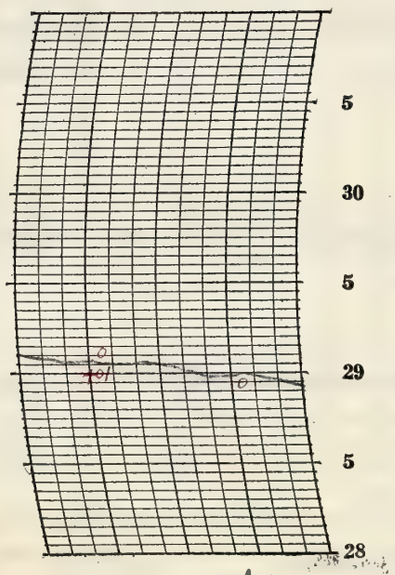
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

8—486

NOTES

A mostly fair, cool day; most of the snow and ice melted during the day. Streets and sidewalks (as a rule) were not slippery.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 29 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	31	30	29	29	30	32	34	36	36	37	36 SDB 12:25	35	36 SDF 2:30	35	34	33	32	31	29	28	28	28 SDB DNP SD cont
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation													T	T	T									T
Cloudiness and other conditions						Clear			x	Pt Cldy	x		Cloudy				x	Pt Cldy				x	Cldy	

Sunrise: Time, 5:29 Character, Clear

Moonrise:

Sunset: Time, 6:02 Character, Cloudy

Moonset:

Sunshine (in tenths of hours)						0.52 0	1.0 0	0.8 0.2	0.8	0.7	0.5	0.2	0	0	0	0	0	0	0					
Wind direction	SW	S	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW
Wind movement	8	8	8	10	9	6	7	8	8	10	10	8	9	10	8	10	10	9	7	6	5	5	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	28	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 4.7 Possible sunshine, hours, 12.6

Per cent of possible sunshine, 37

Prevailing wind direction, W Total wind, 189

Average hourly velocity, 7.9 Extreme velocity, 14

Maximum velocity, 14 Direction, W

Time began, 3:49 p.m.

Reduced barometer, 29.81 a. m. 29.85 p. m.

River gage, 5.3 feet

Relative humidity, 84 a. m. 65 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

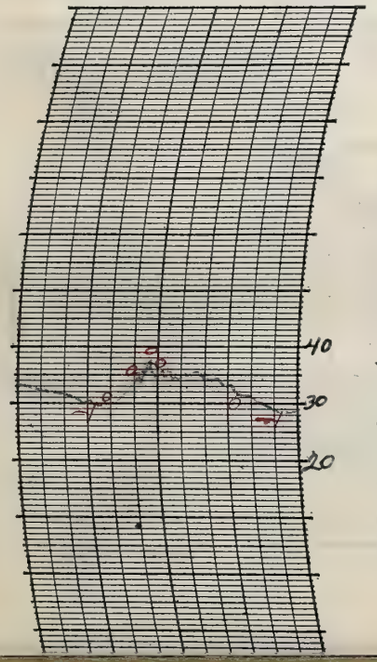
Dry temperature, 36.5 Wet temperature, 31.8

Dew-point, 24 R. humidity, 58 V. pressure, .124

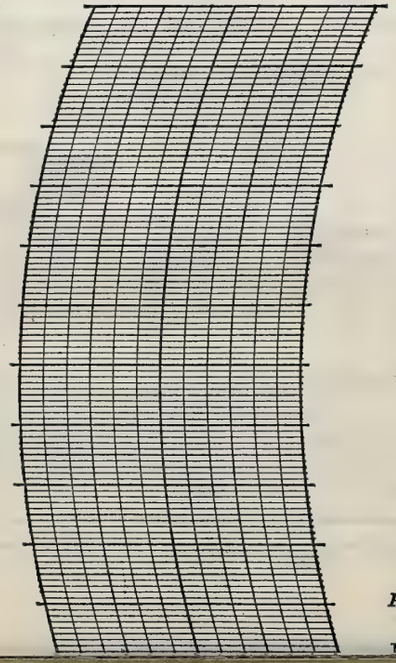
Clouds: Amount, 10; Kind, st cu; Direction, W

Velocity of clouds (miles per hour)

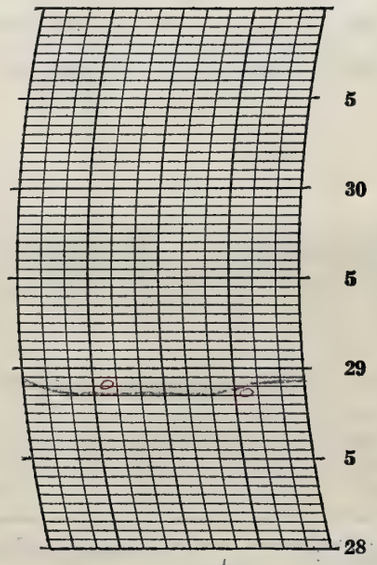
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

A few light snow flurries during the early afternoon, conditions favorable for flying. Visibility good and streets not slippery.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) MAR 30 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	29	28	29	29	29	29	30	33	35	37	39
Nature of precipitation and time of beginning and ending	SD cont		SDE DN2									
Amounts of precipitation	T	T	T									
Cloudiness and other conditions						← Cloudy						
Sunshine (in tenths of hours)						0	0	0	0.4	0.3	0.7	0.9
Wind direction	SW	SW	W	W	W	W	W	NW	NW	W	W	W
Wind movement	5	5	6	6	5	5	5	4	4	6	4	5

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	38	38	36	35	36	35	34	34	33	32
Nature of precipitation and time of beginning and ending	SDB	SDB 1:20 SDE 1:35		SDB 3:10 SDE 3:30								
Amounts of precipitation		T		T								
Cloudiness and other conditions							Cloudy		Cloudy →			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	W	W	W	W	W	W	W	W	SW	SW	SWS	
Wind movement	6	7	8	6	8	6	5	3	4	4	5	6

Sunrise: Time, 5:28 Character, Cloudy

Moonrise:

Sunset: Time, 6:03 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
40	28	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 2.3 Possible sunshine, hours, 12.6

Per cent of possible sunshine, 18

Prevailing wind direction, W Total wind, 128

Average hourly velocity, 5.3 Extreme velocity, 10

Maximum velocity, 10 Direction, NW

Time began, 2:42 p.m.

Reduced barometer, 29.94 7 a. m. 30.08 7 p. m.

River gage, 6.1 fall

Relative humidity, 83 7 a. m. 73 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

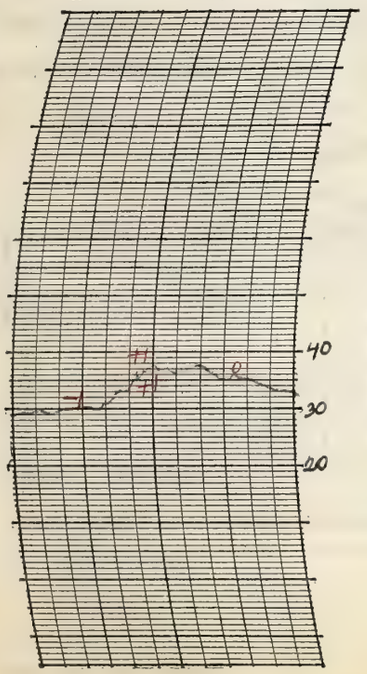
Dry temperature, 39.0 Wet temperature, 33.5

Dew-point, 25 R. humidity, 56 V. pressure, 1.30

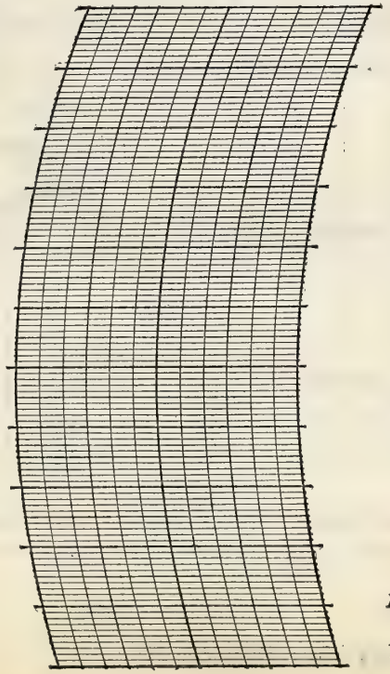
Clouds: Amount, 9; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

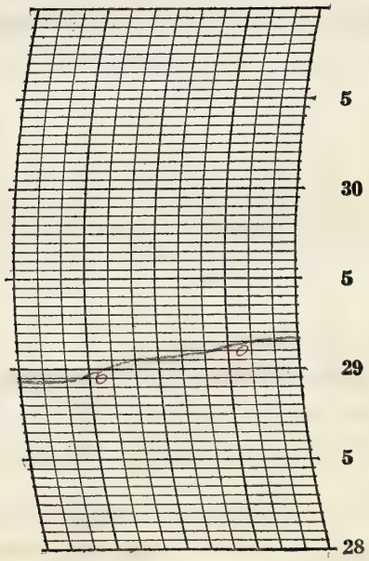
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E.L.H.

8—486

NOTES

Mostly cloudy day, some light snow flurries, and some very black clouds passed over the station (from the NW) during the afternoon. Flying conditions fair - but very few planes in the air.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 31 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	31	30	30	31	32	39	42	45	47	50	52	54	54	54	53	52	50	48	48	48	47	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Clear			X		Pt	Cloudy									→
Sunrise: Time, Character,	5:26 Clear																							
Moonrise:																								
Sunset: Time, Character,																					6:04 Cloudy			
Moonset:																								
Sunshine (in tenths of hours)						0.5 0	1.0 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.5 0	0					
Wind direction	S	S	S	SW	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	6	6	6	7	7	7	8	10	9	12	14	12	12	14	15	16	15	11	11	10	11	13	13	14
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

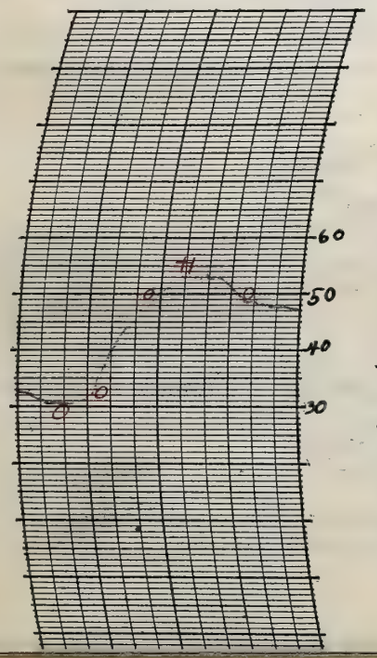
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	30	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.1 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 96
Prevailing wind direction, S Total wind, 258
Average hourly velocity, 10.8 Extreme velocity, 21
Maximum velocity, 19 Direction, SW
Time began, 2:44 p.m.
Reduced barometer, 30.16 7 a. m. 30.03 7 p. m.
River gage, 6.0 feet
Relative humidity, 81 7 a. m. 45 7 p. m.

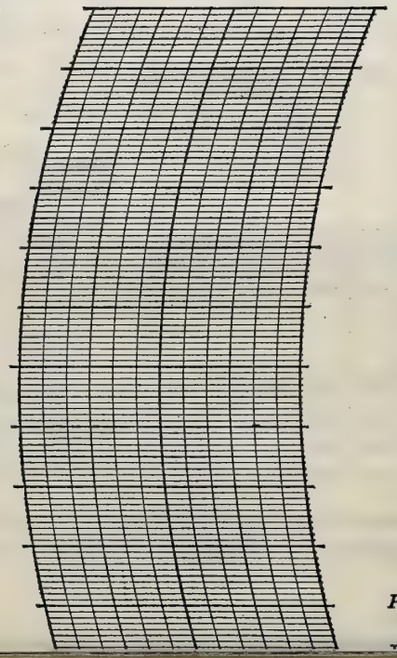
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 50.1 Wet temperature, 40.7
Dew-point, 28 R. humidity, 43 V. pressure, .150
Clouds: Amount, 2 2 2; Kind, cu; Direction, W W
Velocity of clouds (miles per hour)

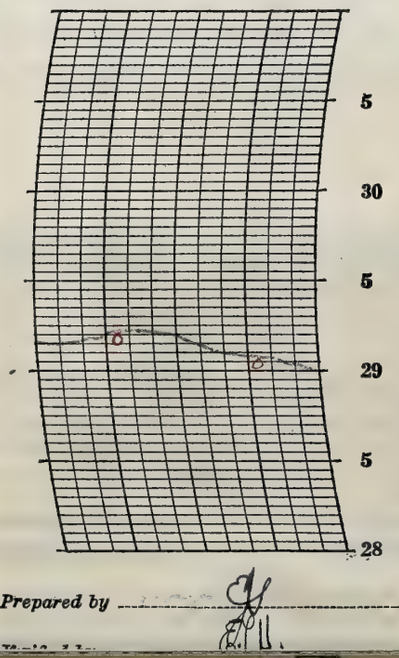
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

NOTES

A warm pleasant day. Conditions favorable for flying, etc.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) APR 1 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	48	50	51	50	48	46	48	49	50	48	46
State of weather: Nature of precipitation and time of beginning and ending						RB 5:50	RE 6:40	RB 7:02				RE 11:10
Amounts of precipitation						T	.02	T	T	T	T	.91
Cloudiness and other conditions						Cloudy						
Sunrise: Time, 5:24 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0.3
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	13	14	11	16	17	18	16	15	17	18	14	14

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	38	38	37	38	38	37	36	35	34	32	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					X	Pt Cldy			X	Clear		
Sunrise:												
Moonrise:												
Sunset: Time, 6:06 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0.3	0	0	0	0	0	0					
Wind direction	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW
Wind movement	16	13	13	13	10	10	7	5	4	6	4	5

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

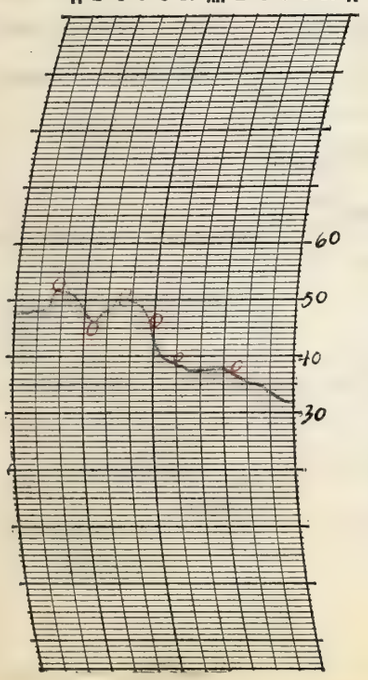
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	32	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.6 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 5
Prevailing wind direction, SW Total wind, 289
Average hourly velocity, 12.0 Extreme velocity, 26
Maximum velocity, 24 Direction, SW
Time began, 9:10 a. m.
Reduced barometer, 29.79 7 a. m. 29.93 7 p. m.
River gage, 5.7 feet
Relative humidity, 89 7 a. m. 70 7 p. m.

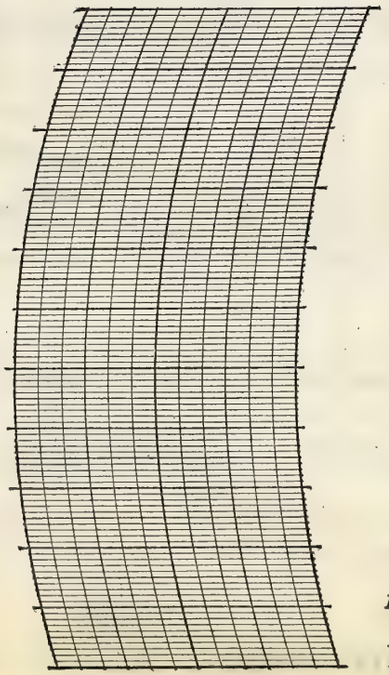
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.2 Wet temperature, 43.7
Dew-point, 41 R. humidity, 82 V. pressure, .256
Clouds: Amount, 8; Kind, stratus Direction, W
Velocity of clouds (miles per hour)

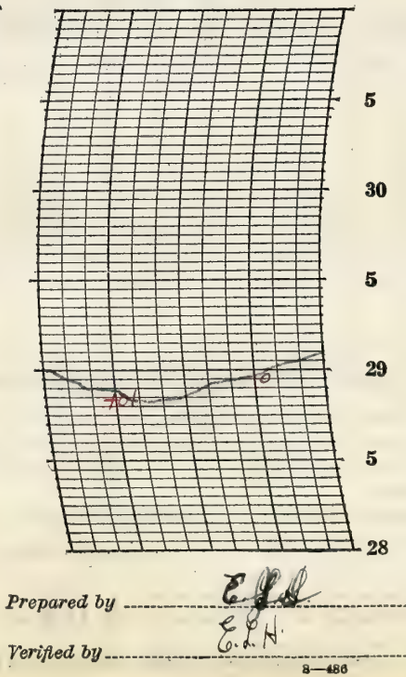
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. J. H.

Verified by E. J. H.

8—486

NOTES

Rainy morning followed by a cloudy, windy afternoon. Temperature dropped during the day. Unfavorable flying conditions continued all day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 2 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	32	32	32	31	30	31	33	35	40	41	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Dense smoke						
Sunshine (in tenths of hours)						0.62 0	1.0 0	0.1 0	0.8	1.0	1.0	1.0
Wind direction	SW	SW	SW	NW	W	S	NE	S	S	S	SE	SE
Wind movement	5	3	3	2	2	3	1	3	5	5	4	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	45	45	45	47	46	45	44	43	43	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear →						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4 0.1	0					
Wind direction	SE	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	4	5	6	5	5	6	4	4	3	3	2	2

Sunrise: Time, 5:23 Character, Clear

Moonrise:

Sunset: Time, 6:07 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	29	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 11.1 Possible sunshine, hours, 12.7

Per cent of possible sunshine, 87

Prevailing wind direction, SE Total wind, 88

Average hourly velocity, 3.7 Extreme velocity, 9

Maximum velocity, 9 Direction, S

Time began, 2:27 p.m.

Reduced barometer, 30.09 a. m. 29.91 p. m.

River gage, 5.3 feet

Relative humidity, 89 a. m. 46 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

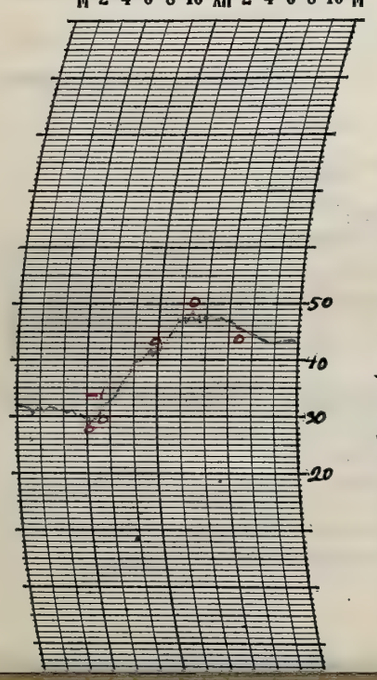
Dry temperature, 42.1 Wet temperature, 34.2

Dew-point, 22 R. humidity, 42 V. pressure, .113

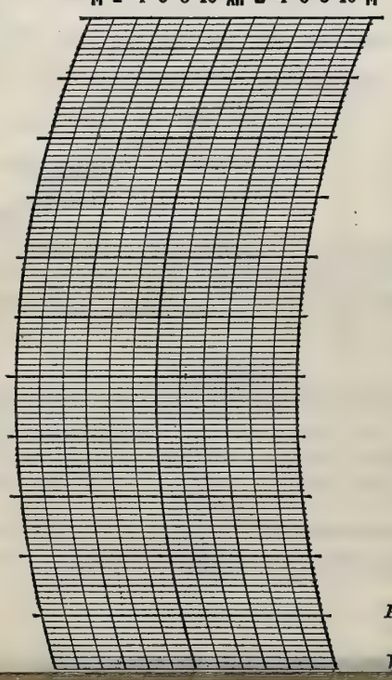
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

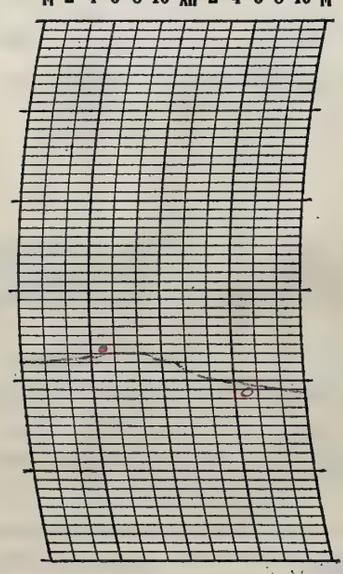
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

NOTES

Heavy white frost occurred and formed at 9:30 p.m. of the 1st. On this morning the frost was very heavy. There was no damage since nothing was far enough advanced to be damaged. A very dense smoke occurred from 7:05 AM until 9:30 A.M. The smoke formed in great quantities and made the sky appear yellow, many calls were received at the office from people who thought that a storm was moving in. The day as a whole was fair and beautiful. The smoke did not bother the airports

Sunshine to 7:05 a.m. and in the evening till 5:30 pm

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 3 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	39	38	37	37	37	39	42	48	53	56	58	58	57	56	55	54	51	48	45	43	42	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear							Clear											→
Sunshine (in tenths of hours)						0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	SE	O	O	SE	SE	S	SW	W	W	W	SW	W	W	WNW	NNW	NNW	NW	NW	NW	NNW	NN	NW	N	N
Wind movement	1	0	0	1	1	4	5	5	5	7	10	13	16	18	17	19	17	16	13	12	9	8	7	5

Sunrise: Time, 5:21 Character, Clear
Moonrise:
Sunset: Time, 6:08 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

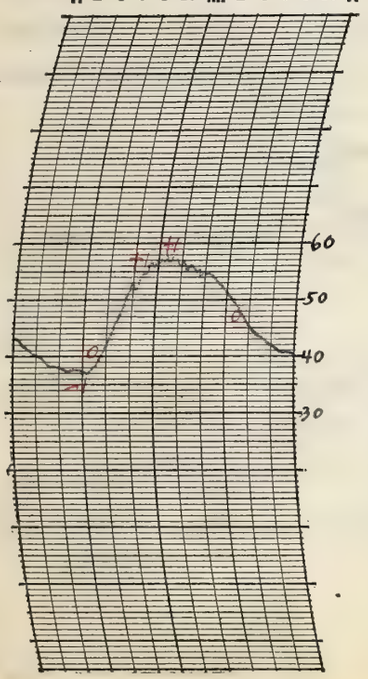
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	36	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.7 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 99
Prevailing wind direction, NW Total wind, 209
Average hourly velocity, 7.7 Extreme velocity, 25
Maximum velocity, 24 Direction, NW
Time began, 2:49 p. m.
Reduced barometer, 29.80 a. m., 29.93 p. m.
River gage, 4.7 feet
Relative humidity, 80 a. m. 59 p. m.

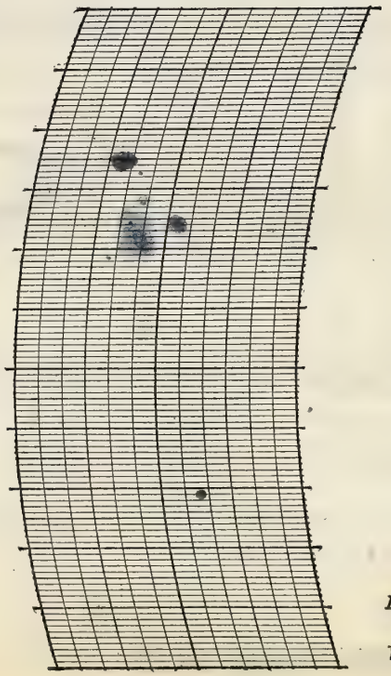
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.8 Wet temperature, 47.1
Dew-point, 35 R. humidity, 44 V. pressure, .203
Clouds: Amount, 1; Kind, cu.; Direction, NW
Velocity of clouds (miles per hour)

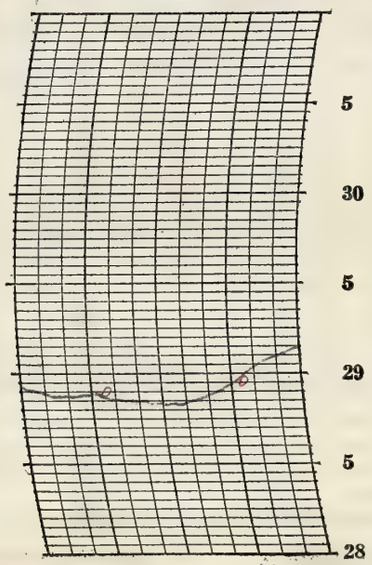
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.H.
Verified by E. L. H.

8—486

NOTES

Heavy frost this morning. Clear beautiful day, quite windy in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 1 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	37	36	36	36	37	41	47	49	50	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←					Clear	
Sunrise: Time, 5:19 Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)						0.68 0	1.0 0	Ø 0.6 0.4	1.0	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	NE	SW	W	S
Wind movement	6	4	2	3	2	3	3	4	2	5	2	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	61	62	60	58	57	54	53	51	50	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunset: Time, 6:09 Character, Clear												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	0.15 0					
Wind direction	W	NW	SW	SW	S	S	S	SE	SE	SE	SE	SE
Wind movement	4	3	4	4	5	5	4	4	4	4	4	2

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	35	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 12.8 Possible sunshine, hours, 12.8

Per cent of possible sunshine, 100

Prevailing wind direction, N Total wind, 86

Average hourly velocity, 3.6 Extreme velocity, 9

Maximum velocity, 9 Direction, N

Time began, 12:18 a.m.

Reduced barometer, 30.18 a. m. 30.18 p. m.

River gage, 7.3 feet

Relative humidity, 74 a. m. 70 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

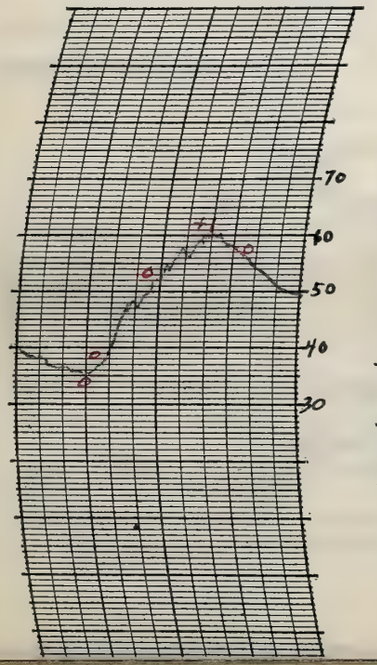
Dry temperature, 53.2 Wet temperature, 43.0

Dew-point, 31 R. humidity, 41 V. pressure, .122

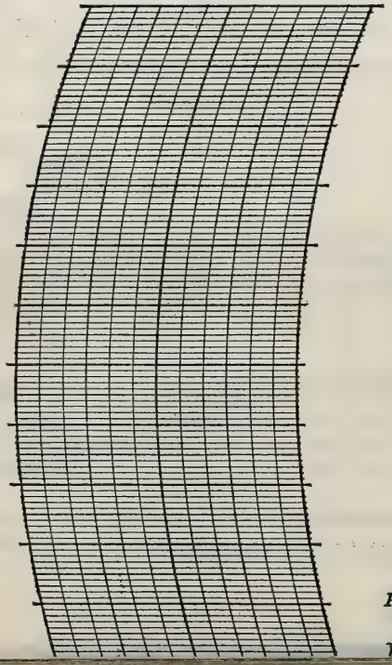
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

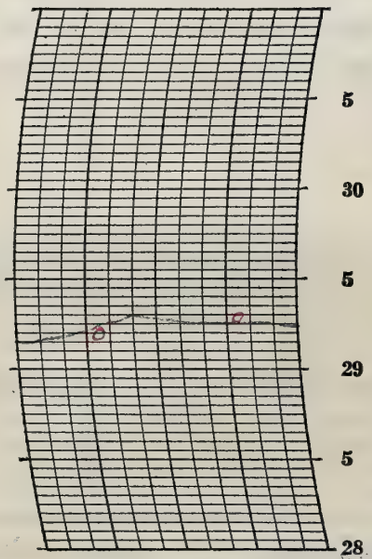
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.L.H

NOTES

Heavy frost occurred in the early morning. A clear beautiful warm day. Flying conditions excellent.

Ø Shadow cast by the Lincoln Tower affects the sunshine recorder in the morning

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 5 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	45	44	43	42	46	48	53	58	61	64
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←		Cldy			xPt	Cldy
Sunshine (in tenths of hours)						0.72 0	1.0 0	0.8 0.2	1.0	1.0	1.0	1.0
Wind direction	SE	SE	S	S	S	SE	S	S	S	S	S	S
Wind movement	2	3	3	3	3	2	6	6	9	11	9	10

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	66	66	66	64	62	60	59	51	55	53
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	X		Cldy			X	Pt	Cldy				→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.6	0.5	0	0					
Wind direction	S	S	S	S	S	SW	SW	S	S	S	S	SW
Wind movement	9	10	10	12	12	7	6	6	8	8	8	8

State of weather.

Sunrise: Time, 5:17 Character, Clear

Moonrise:

Sunset: Time, 6:10 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	42	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 10.8 Possible sunshine, hours, 12.9

Per cent of possible sunshine, 84

Prevailing wind direction, S Total wind, 171

Average hourly velocity, 7.1 Extreme velocity, 16

Maximum velocity, 16 Direction, S

Time began, 3:58 p.m.

Reduced barometer, 30.13 7 a. m. 29.86 7 p. m.

River gage, 4.3 feet

Relative humidity, 58 7 a. m. 37 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

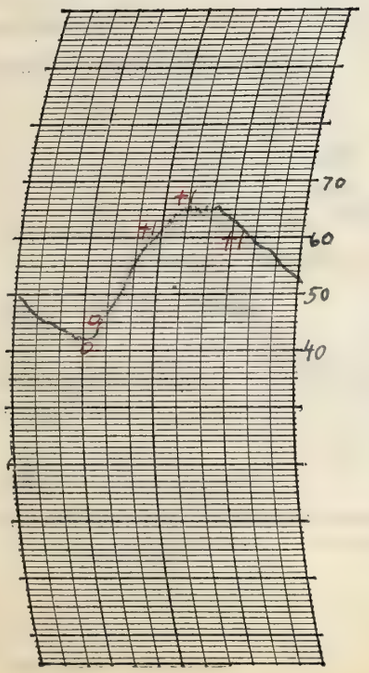
Dry temperature, 64.2 Wet temperature, 48.7

Dew-point, 31 R. humidity, 29 V. pressure, .172

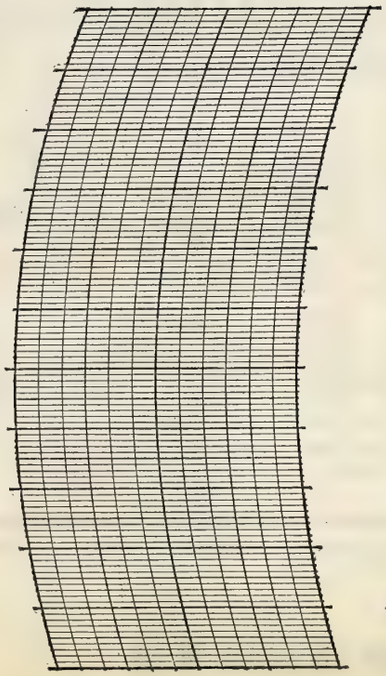
Clouds: Amount, 7; Kind, cirr; Direction, SW

Velocity of clouds (miles per hour)

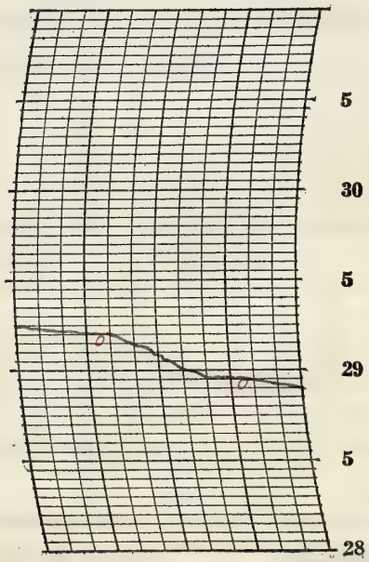
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by Eff

Verified by E. L. H.

8—486

NOTES

Light frost this morning; Sun shone through high clouds. A 22° solar halo was observed most of the afternoon and a 22° lunar halo was observed in the evening.

Ø Stadar cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 6 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	51	51	51	50	48	47	47	50	51	52	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)						0.73 0	1.0 0	Ø 0.8 0.2	1.0	1.0	0.8	0.4
Wind direction	SW	SW	SW	SW	SW	SW	W	NW	W	W	W	W
Wind movement	8	10	9	9	6	7	5	9	10	13	11	13

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	55	54	53	53	51	49	49	48	46	46	46
State of weather: Nature of precipitation and time of beginning and ending											RB 10:35	R cont
Amounts of precipitation											.01	.01
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.7	0.4	0.5	0.3	0.2 0.8	1.0 0	0.18 0					
Wind direction	W	W	NW	NW	NW	NW	NW	NW	S	SW	SW	NW
Wind movement	14	15	16	13	14	9	3	1	3	7	5	6

Sunrise: Time, 5:16 Character, Clear
Moonrise:
Sunset: Time, 6:11 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

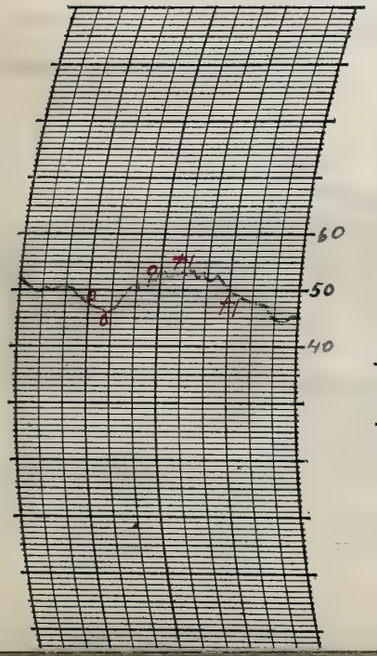
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	45	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 10.0 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 78
Prevailing wind direction, SW & NW Total wind, 216
Average hourly velocity, 9.0 Extreme velocity, 23
Maximum velocity, 22 Direction, NW
Time began, 2:12 p. m.
Reduced barometer, 29.74 7 a. m. 29.69 7 p. m.
River gage, 3.0 feet
Relative humidity, 74 7 a. m. 69 7 p. m.

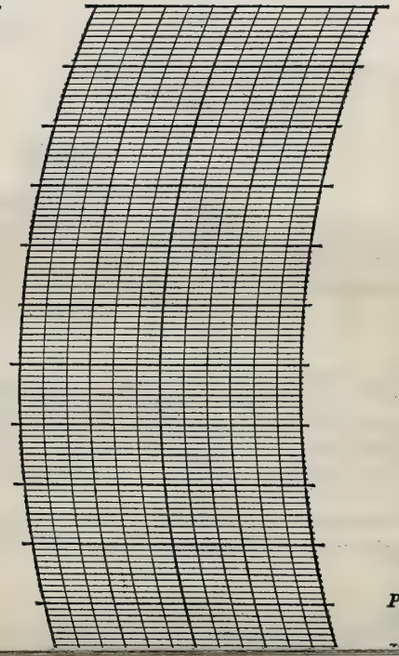
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.2 Wet temperature, 46.0
Dew-point, 39 R. humidity, 57 V. pressure, .237
Clouds: Amount, 10; Kind, st cu Direction, W
Velocity of clouds (miles per hour)

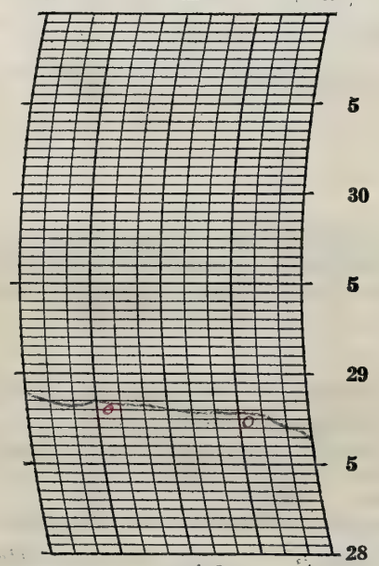
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. T. H.

NOTES

A mostly cloudy day. Cumulus clouds - moderate winds - favorable flying weather.
Ø Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 7 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	39	36	36	37	37	36	37	37	37
Nature of precipitation and time of beginning and ending	R Cont				RE 4:50		RB 6:05 RE 6:10		SB 8:30		SE 11:00	
Amounts of precipitation	.12	T	.01	T	.01		T		T	T	T	
Cloudiness and other conditions							Pcldy	X			Cloudy	
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NW	W	WNW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	10	15	19	18	17	19	21	22	21	22	23
Maximum velocities (exceeding 24 miles) direction and time								24 NW 7:15	28 NW 8:18			26 NW 11:27

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	38	40	42	43	42	41	39	38	37	36	35
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				X	Pcldy X			Clear				
Sunshine (in tenths of hours)	0	0	0.1	0.6	1.0	0.6 0.4	0.20 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	WNW
Wind movement	24	26	27	25	28	24	17	15	17	9	9	8
Maximum velocities (exceeding 24 miles) direction and time	30 NW 12:12	30 W 1:20	30 NW 2:04	31 NW 3:38	32 NW 4:23	30 NW 5:05						

State of weather.

Sunrise: Time, 5:14 Character, cloudy

Moonrise:

Sunset: Time, 6:12 Character, Clear

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	36	41	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., .16 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 2.9 Possible sunshine, hours, 13.0

Per cent of possible sunshine, 22

Prevailing wind direction, NW Total wind, 443

Average hourly velocity, 18.5 Extreme velocity, 35

Maximum velocity, 32 Direction, NW

Time began, 4:23 p.m.

Reduced barometer, 29.55 7 a. m. 29.84 7 p. m.

River gage, 3.5 feet

Relative humidity, 83 7 a. m. 33 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

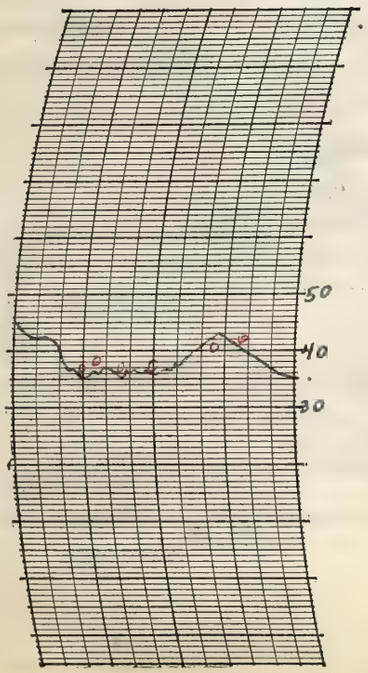
Dry temperature, 36.8 Wet temperature, 32.7

Dew-point, 27 R. humidity, 65 V. pressure, .143

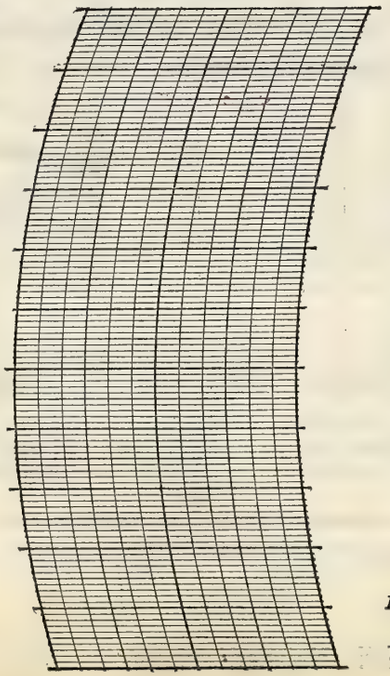
Clouds: Amount, 10; Kind, stcu; Direction, NW

Velocity of clouds (miles per hour)

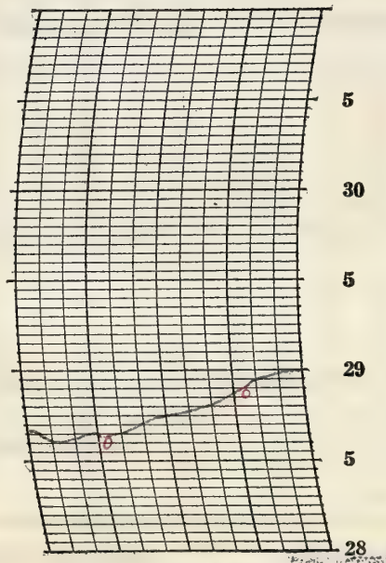
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. S. H.

8—486

NOTES

a cloudy threatening day, clearing in late afternoon with a few very light snow flurries. The visibility was very good and ceiling fairly high, but strong NW winds prevailed at the surface and gales aloft

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 8 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	33	32	32	32	33	37	40	43	46	49	49	49	49	48	47	46	42	41	40	38	37	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<							Clear											>
Sunshine (in tenths of hours)						0.78 0	1.0 0	0 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	0.22 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	11	10	11	10	11	13	16	18	16	18	18	18	20	18	17	17	14	8	8	6	6	6	5

Sunrise: Time, 5:13 Character, Clear
Moonrise:
Sunset: Time, 6:13 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

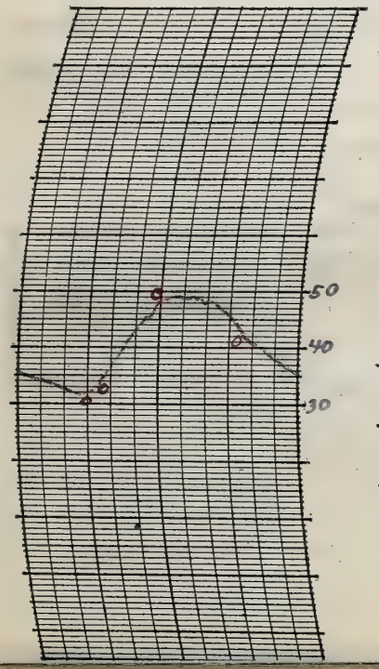
Maximum temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	32	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 13.0 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 304
Average hourly velocity, 12.7 Extreme velocity, 26
Maximum velocity, 24 Direction, NW
Time began, 1:47 p.m.
Reduced barometer, 30.09 7 a. m. 30.24 7 p. m.
River gage, 3.0 feet
Relative humidity, 61 7 a. m. 30 7 p. m.

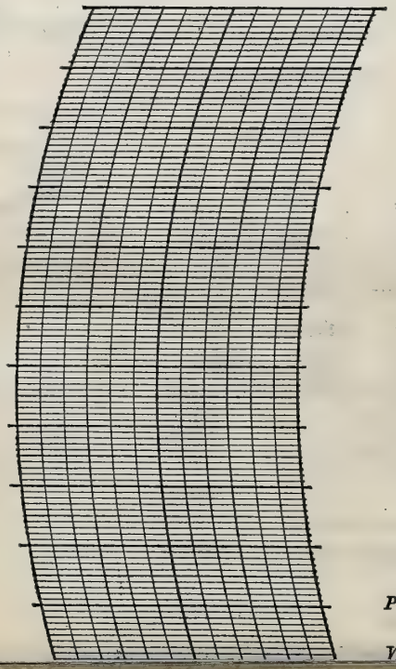
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 48.8 Wet temperature, 32.8
Dew-point, 21 R. humidity, 32 V. pressure, .108
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

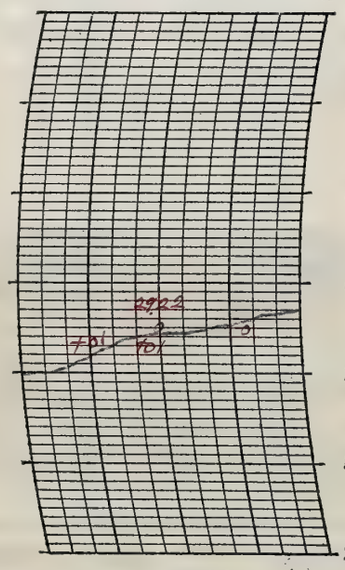
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H

NOTES

Thick ice formed generally throughout the City. Nothing far enough advanced to be damaged. There was no white frost. Clear, windy, day. ø Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 9 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	35	34	32	34	39	44	48	54	57	60	61	63	64	64	63	60	58	56	53	53	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←							Clear											→
Sunshine (in tenths of hours)						0.82 0	1.0 0	Ø 0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.23 0					
Wind direction	NW	NW	NW	N	SW	SW	SW	SW	S	S	S	S	SE	S	SE	S	S	S	S	SE	SE	SE	S	S
Wind movement	3	3	2	1	3	1	3	3	5	5	6	5	5	6	6	7	9	8	5	7	7	6	9	8

Sunrise: Time, 5:11 Character, Clear

Moonrise: ——— ———

Sunset: Time, 6:14 Character, Clear

Moonset: ——— ———

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	32	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase, ———

Average daily cloudiness (0-10), Fair

Actual sunshine, hours, 13.0 Possible sunshine, hours, 13.0

Per cent of possible sunshine, 100

Prevailing wind direction, S Total wind, 123

Average hourly velocity, 5.1 Extreme velocity, 12

Maximum velocity, 12 Direction, S

Time began, 4:38 p.m.

Reduced barometer, 30.40 a. m. 30.26 p. m.

River gage, 2.9 fall

Relative humidity, 58 a. m. 26 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

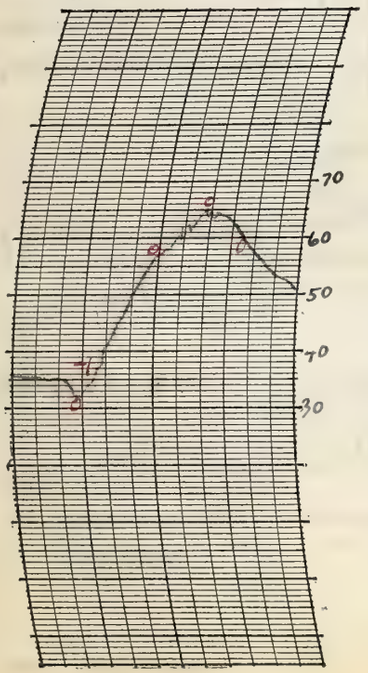
Dry temperature, 56.8 Wet temperature, 42.0

Dew-point, 21 R. humidity, 24 V. pressure, 10.8

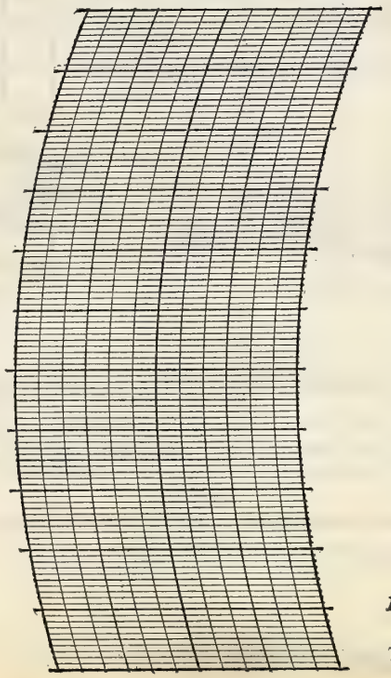
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

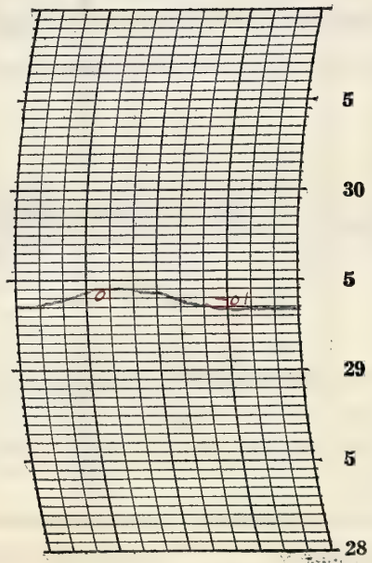
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E. L. H.

8—486

NOTES

Heavy white frost.
A Clear beautiful day. A warm afternoon after a Cold Morning
Flying conditions excellent.
A Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 10 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	48	48	48	49	50	55	61	67	71	77	80	82	82	83	83	81	76	73	71	69	69	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear			→	pretty	×				Cloudy									→
									←	Light	Haze	→												
Sunshine (in tenths of hours)						0.8 0	1.0 0	Ø 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0					
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	9	9	10	11	12	12	12	14	15	14	12	13	11	15	14	15	12	13	13	12	12	17	17
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:09 Character, Clear
Moonrise:
Sunset: Time, 6:15 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

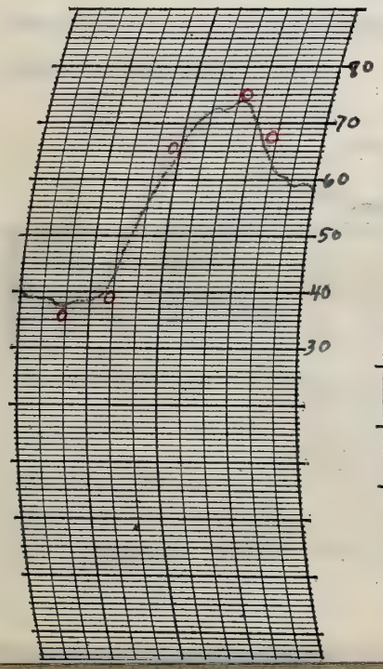
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	47	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 11.8 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 90
Prevailing wind direction, SW Total wind, 302
Average hourly velocity, 12.6 Extreme velocity, 22
Maximum velocity, 20 Direction, SW
Time began, 11:08 p.m.
Reduced barometer, 30.24 7 a. m. 30.04 7 p. m.
River gage, 2.8 feet
Relative humidity, 47 7 a. m. 34 7 p. m.

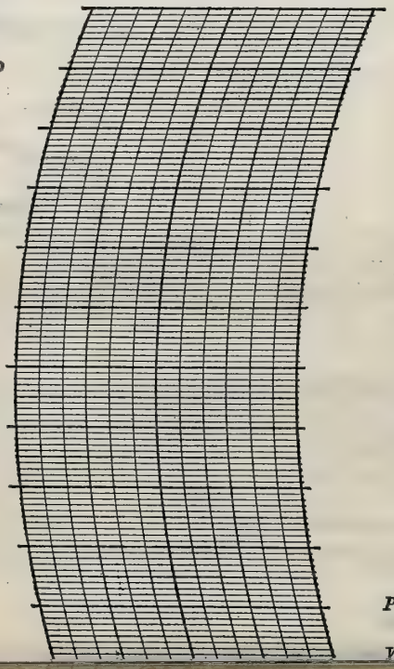
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.2 Wet temperature, 57.8
Dew-point, 42 R. humidity, 29 V. pressure, .266
Clouds: Amount, 10; Kind, cirrus; Direction, SW
Velocity of clouds (miles per hour)

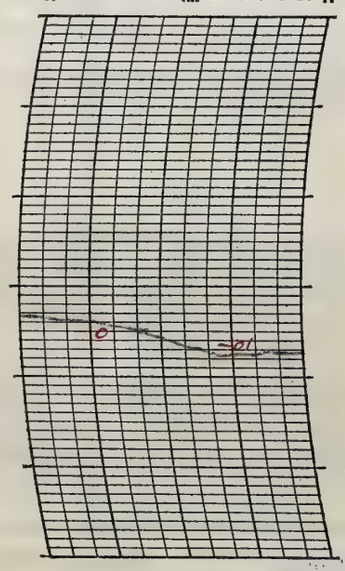
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E. L. H.

NOTES

Cirrus haze from 7:30 a.m. to 3:00 p.m. (Light). The sky was mostly overcast with high clouds through which the sun shone all day. Very warm day. The highest temperature ever recorded by the local office so early in the spring occurred at 4:15 p.m. when it reached 84.

Ø Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 11 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	67	67	66	65	68	72	77	82	84	86	89	89	90	89	87	84	81	72	75	71	70	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			Cloudy					×	Pt Cldy									→
	Sunrise: Time, 5:08 Character, Clear																				Sunset: Time, 6:16 Character, Clear			
	Moonrise:																				Moonset:			
Sunshine (in tenths of hours)						0.8 0	1.0 0	0 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0.5 0	0.27 0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	W	NE	NE	NE
Wind movement	15	13	12	10	12	10	9	12	15	18	17	14	12	14	13	13	14	9	10	9	5	4	2	1
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	65	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 12.2 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 93
Prevailing wind direction, SW Total wind, 263
Average hourly velocity, 11.0 Extreme velocity, 24
Maximum velocity, 23 Direction, W
Time began, 10:15 a.m.
Reduced barometer, 30.11 7 a. m. 30.20 7 p. m.
River gage, 2.3 feet
Relative humidity, 43 7 a. m. 24 7 p. m.

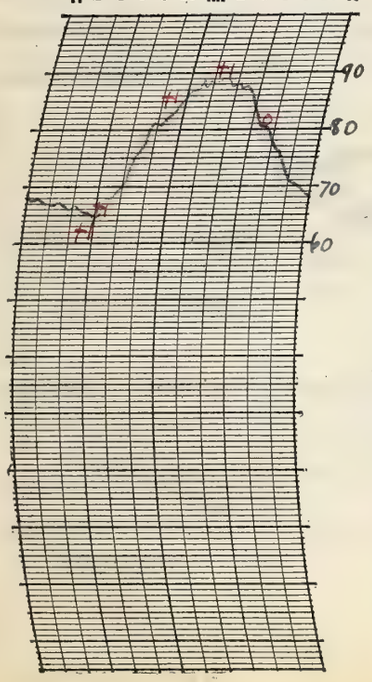
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

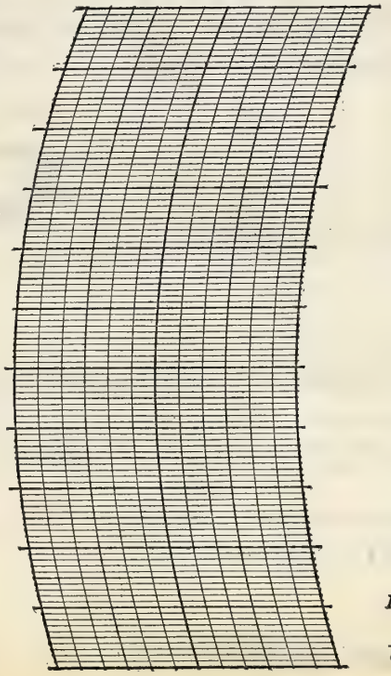
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 85.6 Wet temperature, 60.8
Dew-point, 41 R. humidity, 21 V. pressure, .256
Clouds: Amount, 7; Kind, Cst; Direction, N
Velocity of clouds (miles per hour)

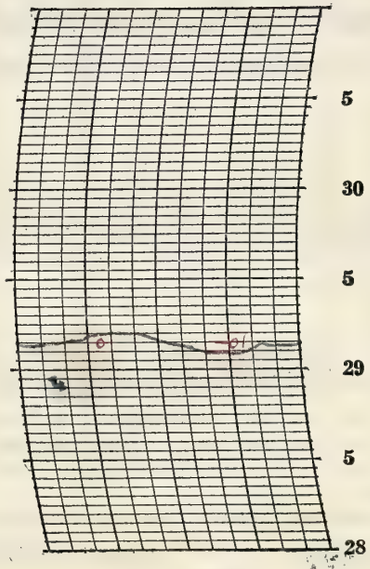
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E. L. N.

8—486

NOTES

The sun shone through high clouds most of the day. The maximum temperature broke the record for so early in the spring and also that for the warmest day in April

⊙ Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 12 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	61	57	56	55	53	54	57	62	67	73	79	83	85	86	86	84	81	72	67	63	62	60	60
State of weather: Nature of precipitation and time of beginning and ending																						RB 9:35 9E 9:40		
Amounts of precipitation																						T		
Cloudiness and other conditions						←							Cloudy											→
Sunrise: Time, 5:06 Character, Clear																					Sunset: Time, 6:17 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.10 0	1.0 0	1.0 0	0.8	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0					
Wind direction	E	NE	N	NE	E	E	E	NE	NE	E	SE	SW	SW	SW	W	W	W	NW	NW	NE	E	E	NE	NE
Wind movement	3	6	7	6	4	5	4	4	3	3	4	6	8	9	10	11	12	6	6	4	4	3	4	2
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

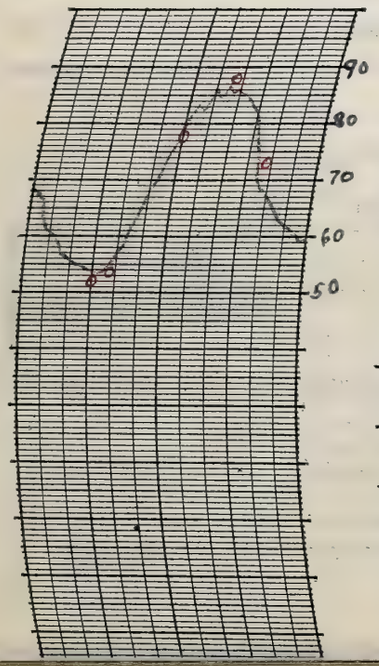
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	53	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 11.4 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 86
Prevailing wind direction, NE & E Total wind, 134
Average hourly velocity, 5.6 Extreme velocity, 16
Maximum velocity, 15 Direction, W
Time began, 4:21 pm
Reduced barometer, 30.11 7 a. m., 30.03 7 p. m.
River gage, 2.0 feet
Relative humidity, 70 7 a. m. 50 7 p. m.

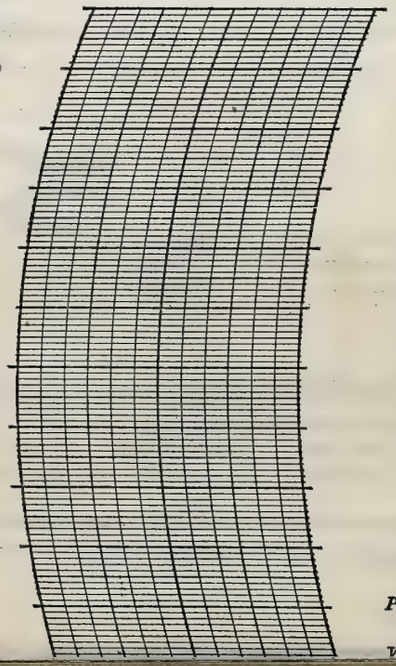
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.2 Wet temperature, 61.0
Dew-point, 48 R. humidity, 34 V. pressure, .334
Clouds: Amount, 9; Kind, 2 st; Direction, W
Velocity of clouds (miles per hour)

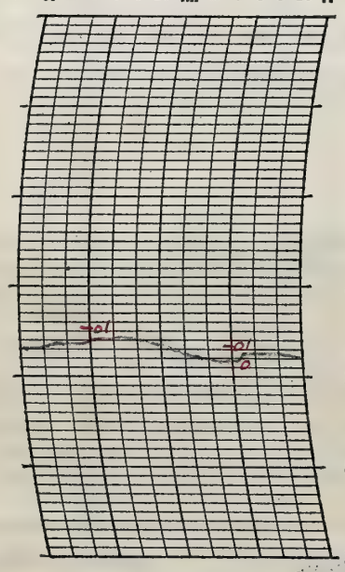
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E. L. H

NOTES

A cloudy day, however the sun shone through high clouds most of the day. A very warm day. Conditions favorable for flying.
Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) APR 13 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	57	57	57	56	58	60	66	72	74	76	77	78	77	75	73	70	69	67	67	64	63	62
State of weather: Nature of precipitation and time of beginning and ending																							RB 10:30	R cont
Amounts of precipitation																							T	T
Cloudiness and other conditions						← Cldy						Pt Cldy →				X		Cloudy						→
Sunshine (in tenths of hours)						0.92 / 0	1.0 / 0	1.0 / 0	0 / 0.8 / 0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0					
Wind direction	SE	SW	NW	W	W	SW	SW	SW	N	W	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	S	SW	W	N
Wind movement	1	3	4	3	2	2	3	3	2	2	7	6	9	9	9	11	8	8	4	4	4	4	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:05 Character, Clear
Moonrise:
Sunset: Time, 6:18 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

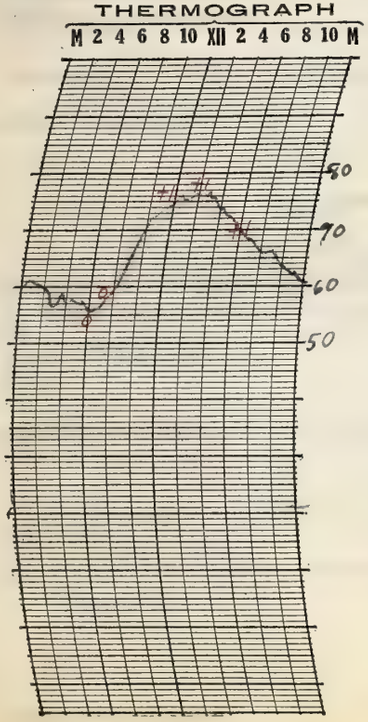
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 10.1 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 77
Prevailing wind direction, NW Total wind, 115
Average hourly velocity, 4.8 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 2:34 pm
Reduced barometer, 30.02 7 a. m. 29.95 7 p. m.
River gage, 2.0 feet
Relative humidity, 73 7 a. m. 54 7 p. m.

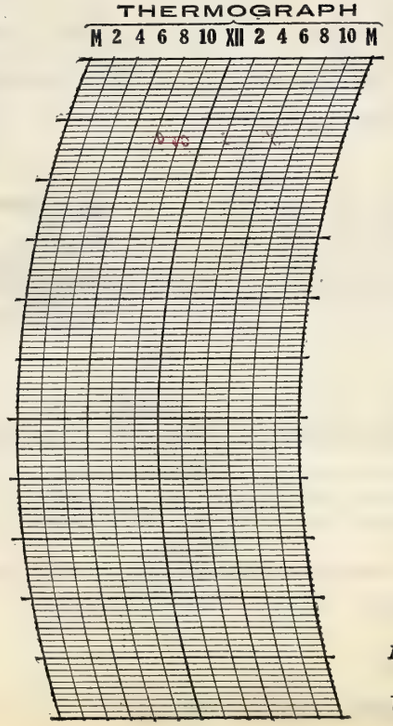
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.7 Wet temperature, 60.2
Dew-point, 51 R. humidity, 41 V. pressure, .373
Clouds: Amount, Few; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

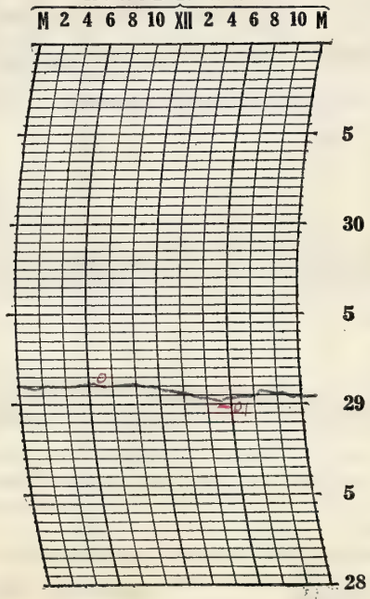
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ
Verified by

8—486

NOTES

A partly cloudy to cloudy day - moderate temperatures. Conditions favorable for flying and many planes in the air all day.
Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 14 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	57	55	55	55	55	55	56	58	61	63	65	66	68	68	67	65	62	56	53	49	46	44	42
State of weather: Nature of precipitation and time of beginning and ending					RE DN2																			
Amounts of precipitation	T	.02	.07	.02	T																			
Cloudiness and other conditions	← Cloudy					X					Pt. Cldy						X		Clear →					
Sunshine (in tenths of hours)						0	0	0	0.5	1.0	0.9	1.0	1.0	1.0	0.6	1.0	0.2 0.8	1.0 0	0.32 0					
Wind direction	NW	NW	NW	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	E	NE	NE	NE	NE
Wind movement	6	10	7	3	3	1	3	4	7	5	6	5	6	6	6	7	9	9	6	8	7	7	6	8

Sunrise: Time, 5:03 Character, Cloudy
Moonrise:
Sunset: Time, 6:11 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

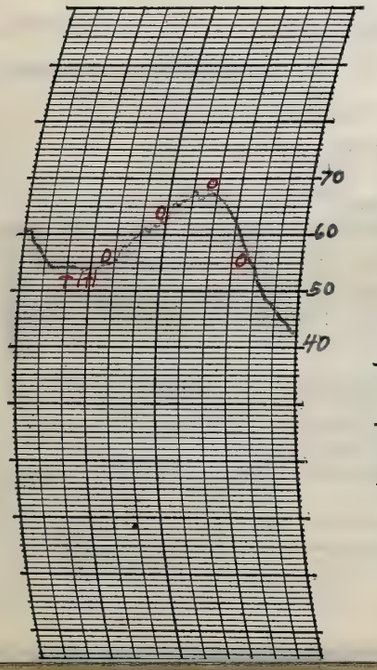
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	42	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .12 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.6 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 72
Prevailing wind direction, NE Total wind, 145
Average hourly velocity, 6.0 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 5:31 p.m.
Reduced barometer, 29.99 a. m. 30.01 p. m.
River gage, 2.3 feet
Relative humidity, 82 a. m. 60 p. m.

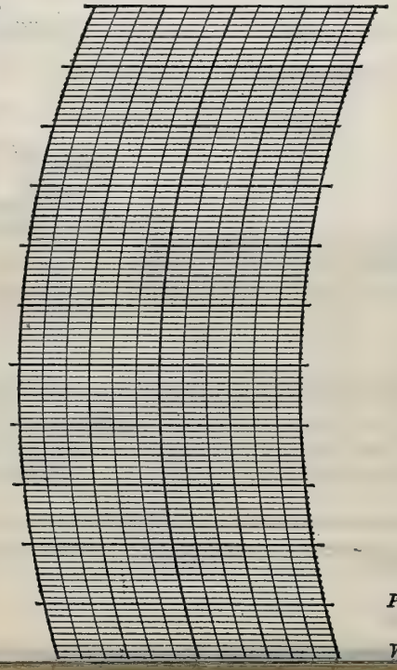
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 65.4 Wet temperature, 58.2
Dew-point, 53 R. humidity, 65 V. pressure, .402
Clouds: Amount, 4; Kind, cu; Direction, E
Velocity of clouds (miles per hour)

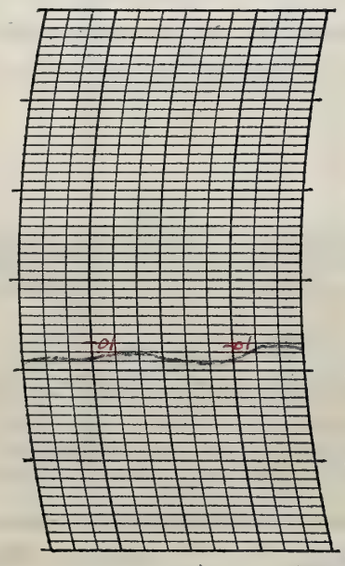
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H

NOTES

A moderate and partly cloudy day, with sun shine most of the day through high clouds. Conditions favorable for flying. Several planes passed through the city during the day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 15 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	39	39	39	40	41	42	43	46	48	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												Cloudy
Sunshine (in tenths of hours)						0	0	0	0	0	0.1	1.0
Wind direction	NE	NE	E	ENE	NE	NE	NE	NE	E	E	E	NE
Wind movement	9	8	6	9	8	8	9	9	9	11	11	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48 RB 1255	45	43	42	39	38	38	38	39	39	40	40 R Cont
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	.08	.06	.03	.07	.14	.03	.04	.01	.01	.01	T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)	0.1	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	11	8	8	10	16	16	14	15	12	8	10	9

Sunrise: Time, 5:02 Character, Cloudy
Moonrise:

Sunset: Time, 6:20 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

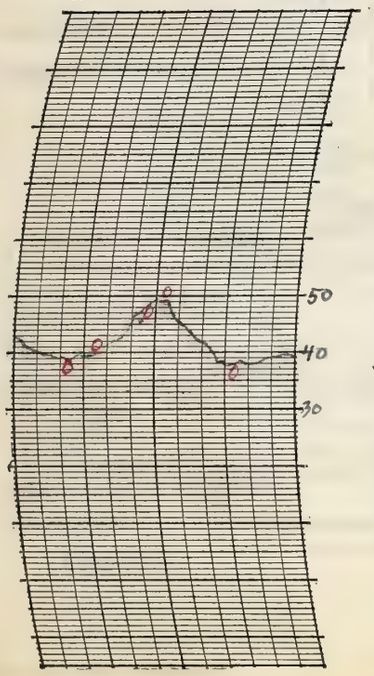
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	38	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .41 ins.
Total precipitation, midnight to midnight, .78 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.2 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 9
Prevailing wind direction, NE Total wind, 245
Average hourly velocity, 10.2 Extreme velocity, 24
Maximum velocity, 21 Direction, NE
Time began, 4:35 p.m.
Reduced barometer, 30.05 a. m. 30.00 p. m.
River gage, 2.3 feet
Relative humidity, 69 a. m. 96 p. m.

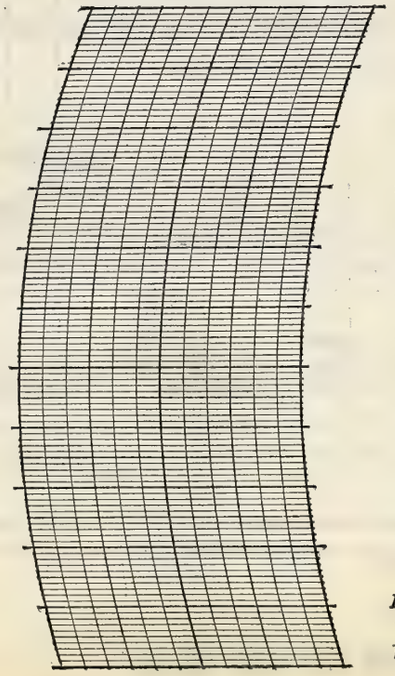
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 49.0 Wet temperature, 42.4
Dew-point, 35 R. humidity, 57 V. pressure, .203
Clouds: Amount, 9; Kind, Stratus; Direction, E
Velocity of clouds (miles per hour)

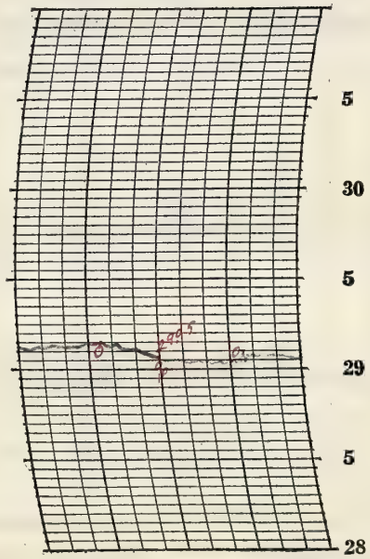
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

A cloudy threatening morning followed by rain during the afternoon and at night. The thunderstorm at 4:45 p.m. did not do any damage; it appeared to move in from the northeast. Visibility was good all day and ceilings moderate. Favorable for local flying.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 16 1930, 193

Time (local standard) 90 mer. normal time. 1

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	40	41	40	40	41	41	41	41	41	42	42	43	43	43	42	42	43	43	44	44	45
State of weather: Nature of precipitation and time of beginning and ending	R cont				RE 5:00				RB 8:40				RE 1:00										R 10:30	R cont.
Amounts of precipitation	.03	.40	.01	T	.01				T	.01	.01	.01	.02										.15	.17
Cloudiness and other conditions	← Cloudy →																							
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	8	8	10	8	7	8	8	9	9	9	9	7	8	9	8	7	7	9	7	6	6	6	5	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:00 Character, Cloudy
Moonrise:

Sunset: Time, 6:21 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

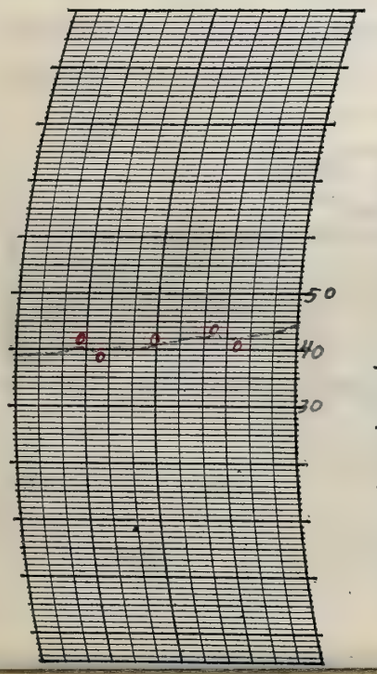
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	40	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .52 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 184
Average hourly velocity, 7.7 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 1:39 p.m.
Reduced barometer, 30.03 a. m. 29.99 p. m.
River gage, 4.8 feet
Relative humidity, 96 a. m. 98 p. m.

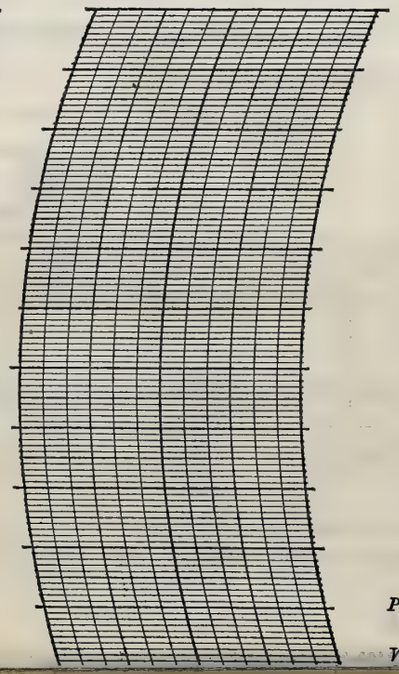
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 41.0 Wet temperature, 40.7
Dew-point, 40 R. humidity, 98 V. pressure, .247
Clouds: Amount, 10; Kind, st; Direction, NE
Velocity of clouds (miles per hour)

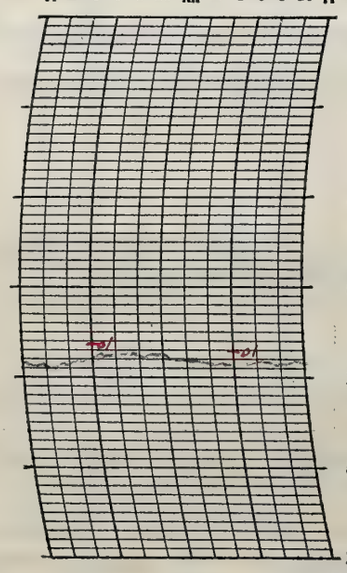
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ
Verified by E. L. H

NOTES

A severe thunderstorm occurred at 10:45 p.m., no damage was reported. It thundered until about 1:30 a.m. of the 17th. Low ceiling and poor visibility prevailed all day. The thunderstorm moved in from the S.W.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 17 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	48	48	47	48	49	51	56	62	63	66	67
Nature of precipitation and time of beginning and ending	R cont.		RE DN2									RB 11.30
Amounts of precipitation	.04	.07	.01									.03
Cloudiness and other conditions					← Dense Fog							Cloudy →
Sunshine (in tenths of hours)					0	0	0	0	0	0.6	1.0	0.2
Wind direction	E	E	E	E	E	E	E	SE	S	S	S	S
Wind movement	5	5	4	3	4	3	4	4	9	7	9	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	62	62	63	63	62	62	62	62	62	62
Nature of precipitation and time of beginning and ending			RE 2:30				RB 6:40				RE DN2	
Amounts of precipitation	.05	.06	.15				T	.07	T	.02	.01	
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SW	SW	SW	SE	SE	SE	E	SE	SE	SE	S	S
Wind movement	5	6	9	4	3	4	3	8	8	9	11	10

Maximum velocities (exceeding 24 miles) direction and time

Sunrise: Time, 4:58 Character, Cloudy

Moonrise:

Sunset: Time, 6:23 Character, Cloudy

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	45	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .44 ins.; to 7 p. m., .29 ins.

Total precipitation, midnight to midnight, .51 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 1.8 Possible sunshine, hours, 13.4

Per cent of possible sunshine, 13

Prevailing wind direction, E Total wind, 145

Average hourly velocity, 6.0 Extreme velocity, 17

Maximum velocity, 14 Direction, SE

Time began, 10.46 p.m.

Reduced barometer, 29.98 7 a. m. 29.83 7 p. m.

River gage, 8.4 feet

Relative humidity, 100 7 a. m. 88 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

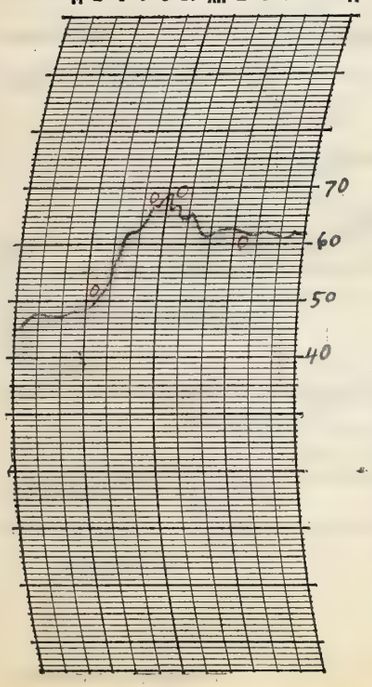
Dry temperature, 67.1 Wet temperature, 63.9

Dew-point, 62 R. humidity, 84 V. pressure, .555

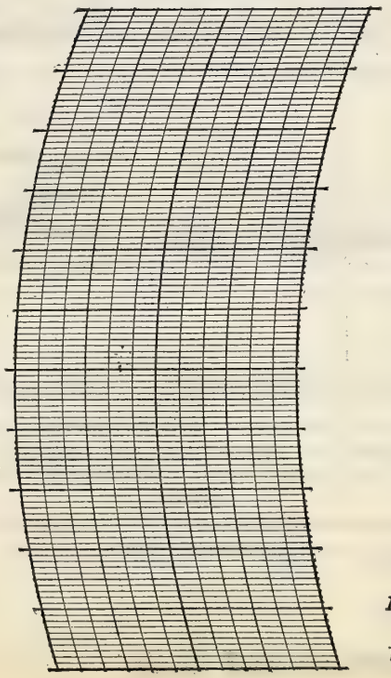
Clouds: Amount, 10; Kind, stcu; Direction, SW

Velocity of clouds (miles per hour)

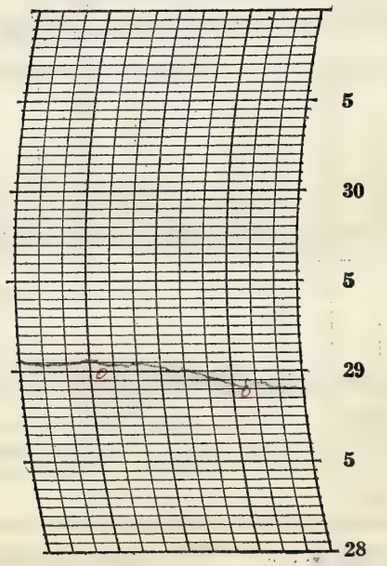
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E. L. H.

8—486

NOTES

Dense fog occurred from 4:30 a.m. to 6:35 a.m. It was a ground fog and was very dense, the visibility at times was only 200 feet.

After 7:00 a.m. the visibility averaged about 4 miles and the ceilings 1000 feet and higher. A thunderstorm occurred about 1:00 p.m. and moved in from the west.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 18 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	58	56	55	54	53	53	55	55	55	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear		Pt Cldy				
Sunshine (in tenths of hours)					0.05 0	1.0 0	0 0.8 0	0	0.9	1.0	0.7	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	14	12	10	11	12	15	16	15	16	16	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	50	49	48	47	46	45	45	44	41	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	0	0.1	0.1	0	0	0	0					
Wind direction	SW	SW	SW	SW	W	W	W	W	W	NW	NW	NW
Wind movement	13	17	15	15	14	15	15	13	13	14	13	8

Sunrise: Time, 4:57 Character, Clear
Moonrise:

Sunset: Time, 6:23 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

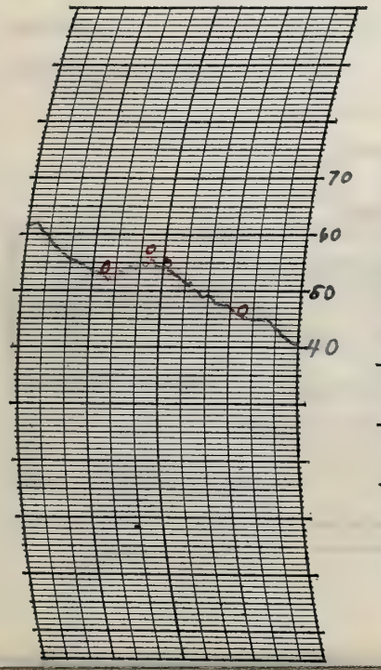
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	40	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.10 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.6 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 34
Prevailing wind direction, SW Total wind, 332
Average hourly velocity, 13.8 Extreme velocity, 26
Maximum velocity, 22 Direction, E
Time began, 6:37 a. m.
Reduced barometer, 29.87 a. m. 29.99 p. m.
River gage, 134 feet
Relative humidity, 70 a. m. 81 p. m.

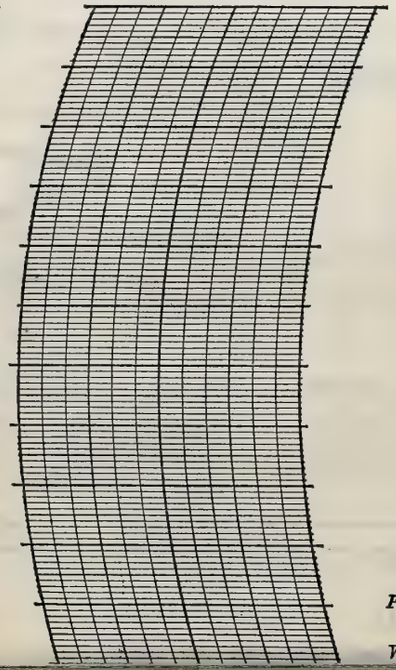
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.8 Wet temperature, 49.0
Dew-point, 43 R. humidity, 66 V. pressure, .277
Clouds: Amount, 10; Kind, stratus Direction, W
Velocity of clouds (miles per hour)

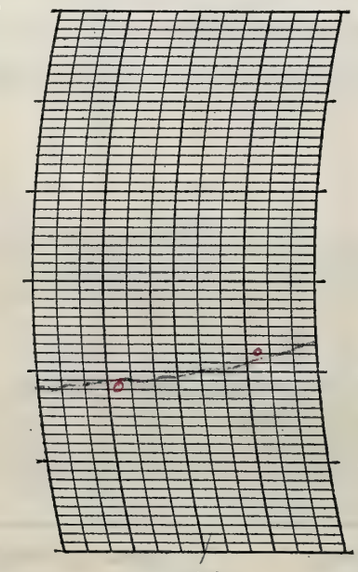
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EH
Verified by E.L.H

NOTES

Shadow cast by Lincoln Tower
Sunshine to 6:45 a.m. from Sunrise.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 19 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	37	37	37	39	40	43	45	48	52	53
					RB 4:50	RE 5:10						
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation					T	T						
Cloudiness and other conditions					←		Cloudy			X		
Sunrise: Time, 4:56 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0	0.6	1.0	1.0
Wind direction	NW	W	W	SW	SW	W	W	SW	SW	S	S	S
Wind movement	6	4	4	6	5	5	4	4	6	6	8	8

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	57	57	58	57	55	53	50	47	46	44	43
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt	Cldy	→				X	Clear	→			
Sunset: Time, 6:24 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	0.5	0.4	0.3	0.4	0	0					
Wind direction	SW	W	W	W	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	9	10	7	7	8	8	7	7	7	5	5	5

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

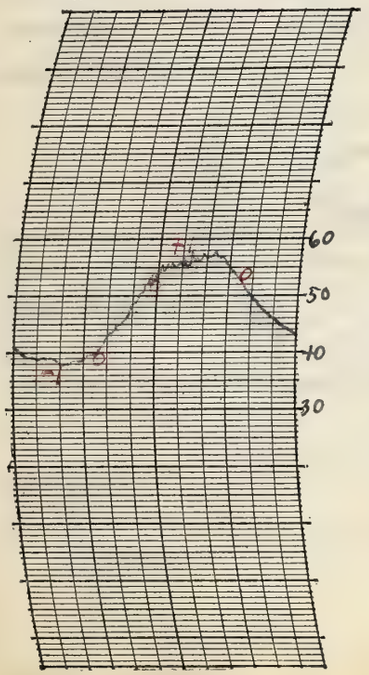
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	37	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.7 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 42
Prevailing wind direction, NW Total wind, 151
Average hourly velocity, 6.3 Extreme velocity, 14
Maximum velocity, 14 Direction, W
Time began, 1:52 pm
Reduced barometer, 30.17 7 a. m. 30.14 7 p. m.
River gage, 12.4 feet
Relative humidity, 88 7 a. m. 56 7 p. m.

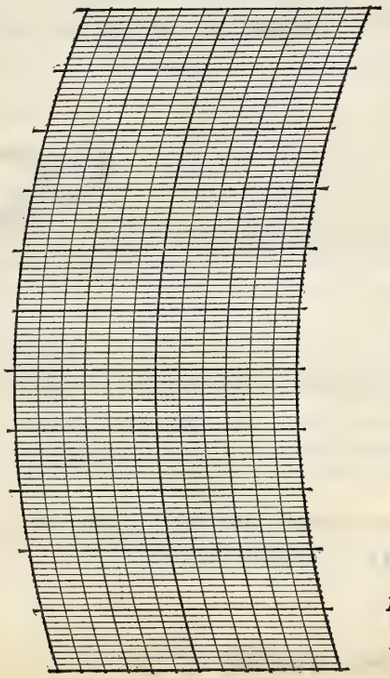
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.2 Wet temperature, 45.4
Dew-point, 37 R. humidity, 54 V. pressure, .219
Clouds: Amount, 7; Kind, cu.; Direction, W
Velocity of clouds (miles per hour)

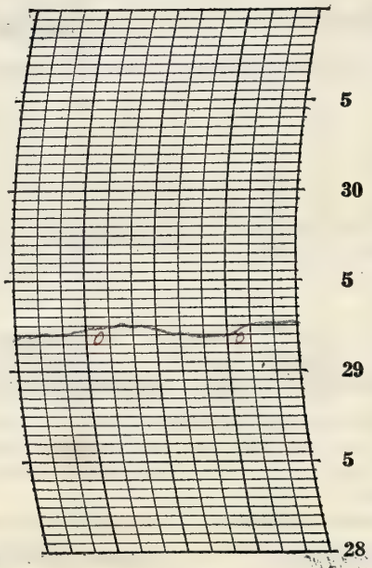
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. F. H

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD. Easter

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 20 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	41	41	41	40	42	43	45	47	48	45	46	47	48	49	48	48	47	47	47	47	47	47
State of weather: Nature of precipitation and time of beginning and ending		RB DN2	RE DN2								RB 10:15	RE 11:45					RB 4:50							
Amounts of precipitation		T	T								.01	T					T	T	.06	.01	.01	T	T	T
Cloudiness and other conditions						←					Cloudy													→

Sunrise: Time, 4:54 Character, Cloudy

Moonrise:

Sunset: Time, 6:26 Character, Cloudy

Moonset:

Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	N	N	N	N	N	N	N	NW	NE	S	NE	NE	NE	E	E	E	E	E	NE	NE	E	E	E	E
Wind movement	5	4	4	4	2	3	2	2	3	3	4	10	6	5	7	7	7	5	6	6	6	7	6	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	40	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .09 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.5

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind, 120

Average hourly velocity, 5.0 Extreme velocity, 9

Maximum velocity, 9 Direction, NE

Time began, 7:07 p.m.

Reduced barometer, 30.25 7 a. m., 30.04 7 p. m.

River gage, 10.00 feet

Relative humidity, 62 7 a. m. 89 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

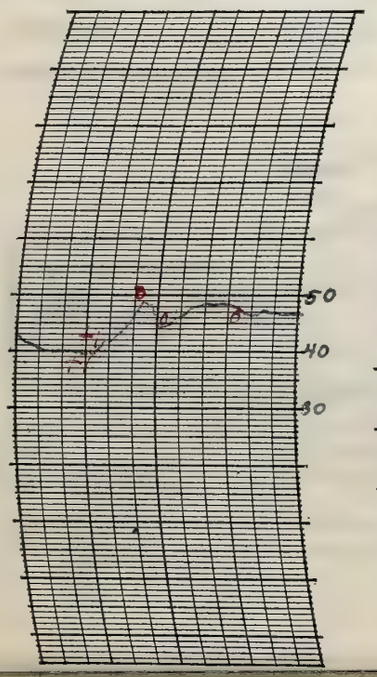
Dry temperature, 44.9 Wet temperature, 40.0

Dew-point, 34 R. humidity, 65 V. pressure, 195

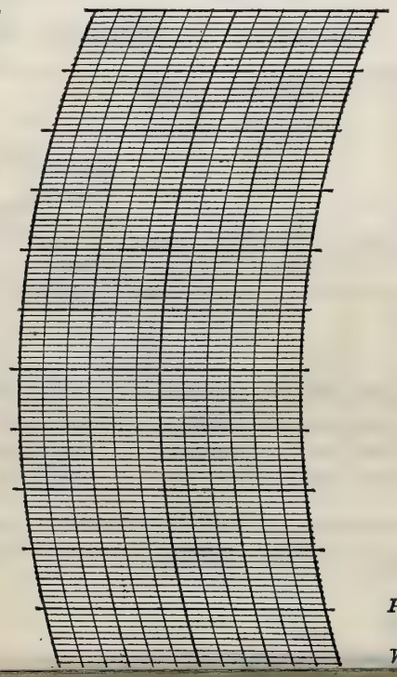
Clouds: Amount, 10; Kind, st; Direction, SW

Velocity of clouds (miles per hour)

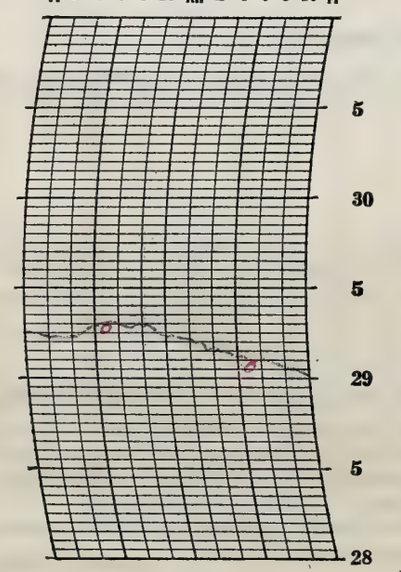
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 21 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	48	50	51	51	51	52	53	53	52	53	54	54	55	53	53	53	53	52	52	50	48	47	45
State of weather: Nature of precipitation and time of beginning and ending							RE 6:25							RB 1:15 RE 1:30					RB 6:40	RE 7:30				
Amounts of precipitation	.02	.02	T	.03	.03	.03	.01							T					T	T				
Cloudiness and other conditions												Cloudy												

Sunrise: Time, 4:53 Character, Cloudy

Moonrise:

Sunset: Time, 6:27 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0					
Wind direction	E	E	S	S	S	S	S	SW	SW	W	W	W	W	W	W	W	W	SW	SW	SW	NW	NW	W	NW
Wind movement	5	4	6	8	7	6	6	7	8	11	11	11	13	13	12	13	12	9	11	10	11	7	5	7

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	45	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .18 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.1 Possible sunshine, hours, 13.6

Per cent of possible sunshine, 1

Prevailing wind direction, W Total wind, 213

Average hourly velocity, 8.9 Extreme velocity, 20

Maximum velocity, 18 Direction, W

Time began, 2:00 p.m.

Reduced barometer, 29.83 7 a. m. 29.90 7 p. m.

River gage, 5.1 feet

Relative humidity, 97 7 a. m. 83 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

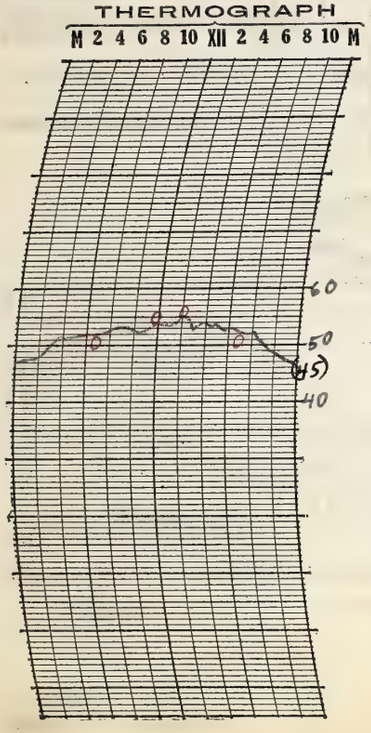
Dry temperature, 53.9 Wet temperature, 50.9

Dew-point, 49 R. humidity, 82 V. pressure, .347

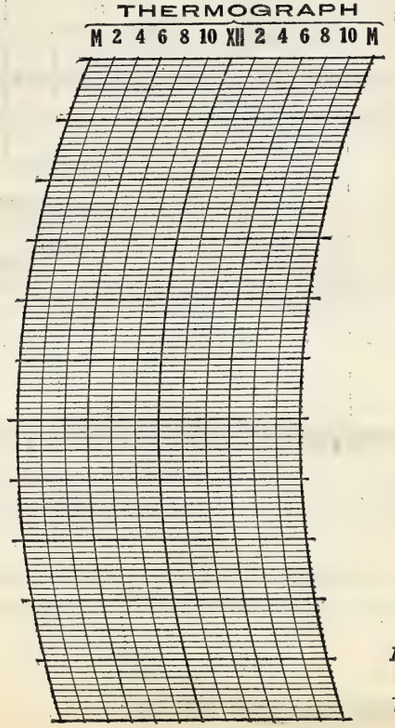
Clouds: Amount, 10; Kind, stcu Direction, W

Velocity of clouds (miles per hour)

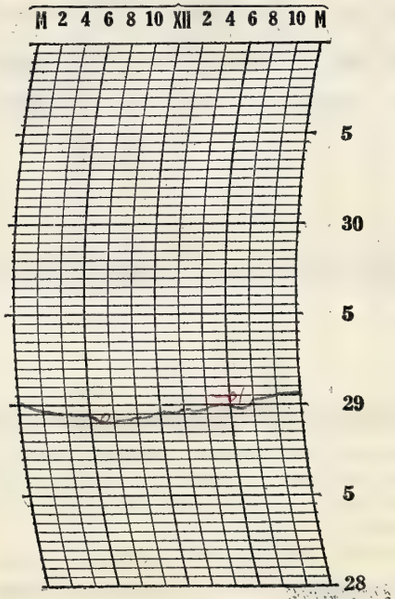
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. H. H

8—486

NOTES

Cloudy threatening day, with a few light sprinkles. Fair visibility and flying conditions fair to good.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 22 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	40	37	36	35	34	35	36	38	39	41	42	42	42	41	40	39	38	37	36	35	35	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear			×				Pt Cldy					×	Clear					→
Sunrise: Time, 4:51 Character, Clear																					Sunset: Time, 6:28 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.15 0	1.0 0	1.0 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.8 0.2	0.47 0					
Wind direction	W	NW	NW	NW	NW	NW	N	NW	NW	NW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	6	7	9	7	7	8	8	10	11	13	15	15	17	20	20	22	18	15	10	5	3	2	2	2
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	33	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase, 4
Average daily cloudiness (0-10),
Actual sunshine, hours, 13.2 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 97
Prevailing wind direction, NW Total wind, 252
Average hourly velocity, 10.5 Extreme velocity, 27
Maximum velocity, 24 Direction, NW
Time began, 2:58 p. m.
Reduced barometer, 30.09 7 a. m. 30.11 7 p. m.
River gage, 8.0 feet
Relative humidity, 64 7 a. m. 48 7 p. m.

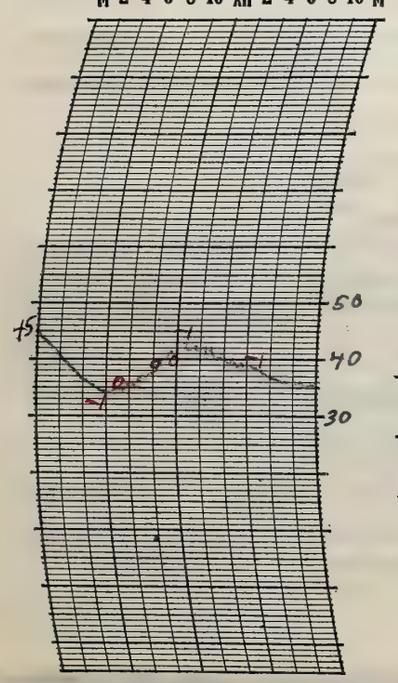
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

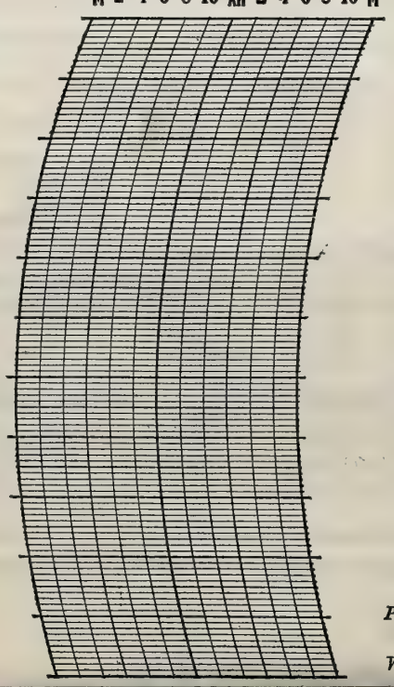
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 41.9 Wet temperature, 34.0
Dew-point, 21 R. humidity, 42 V. pressure, .108
Clouds: Amount, 6; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

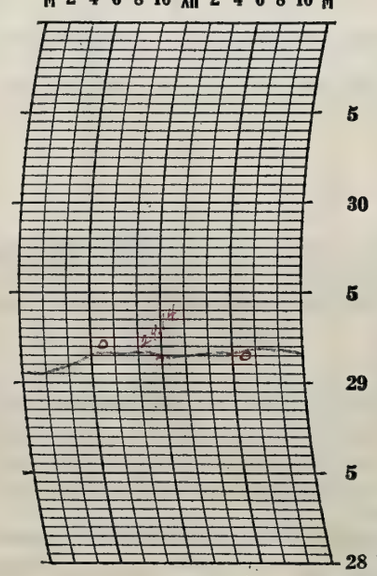
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H

NOTES

A very light frost occurred between 4:00 and 7:00 a. m.

A mostly fair, cold, windy day.

Frost warning received in morning forecast message, was printed in the bulletins, given out over the telephone, given out over telephone, to the newspapers and the radio. read light to heavy frost tonight

Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 2 3 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	31	32	32	33	33	35	37	38	39	39	41	41	42	43	43	44	44	41	40	38	37	35	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							<Clear		X				Pt Cloudy											>
Sunshine (in tenths of hours)					0	0	0.5 0	1.0 0	0.8	1.0	1.0	1.0	1.0	1.0	0.6	0.4	0	0	0					
Wind direction	NW	SW	SW	SW	SW	SW	SW	N	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	2	5	4	5	9	9	9	11	16	14	15	13	14	15	18	14	14	12	10	7	6	8	8	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:50 Character, Cloudy
Moonrise: ____ ____
Sunset: Time, 6:29 Character, Cloudy
Moonset: ____ ____

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

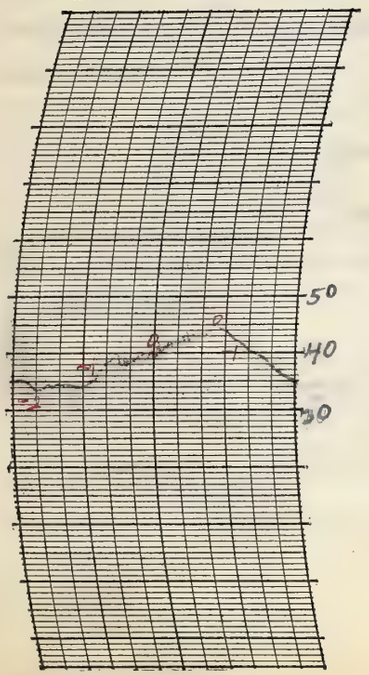
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	31	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase, ____
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 8.3 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 61
Prevailing wind direction, NW Total wind, 245
Average hourly velocity, 10.2 Extreme velocity, 22
Maximum velocity, 20 Direction, NW
Time began, 2:52 p. m.
Reduced barometer, 30.05 7 a. m. 29.99 7 p. m.
River gage, 6.6 feet
Relative humidity, 69 7 a. m. 47 7 p. m.

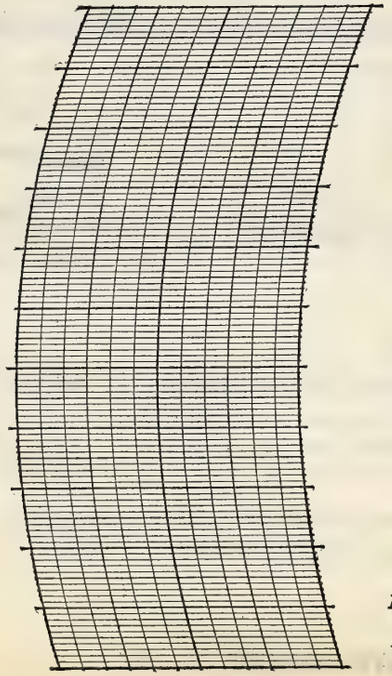
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.9 Wet temperature, 36.8
Dew-point, 15 R. humidity, 32 V. pressure, .081
Clouds: Amount, 7; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour) ____

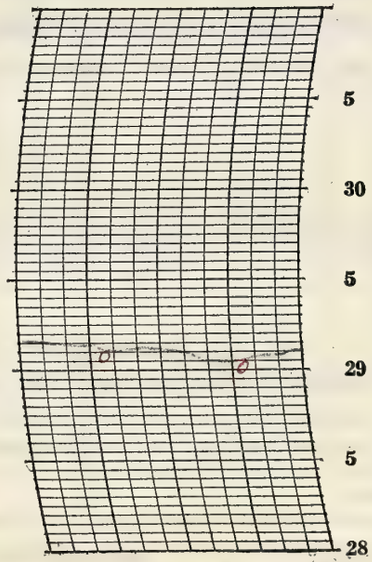
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJH
Verified by E. L. H.

8—486

NOTES

Frost warning received for light to heavy frost tonight.
A light frost and thin ice occurred in the early morning with some damage to fruit. The frost warnings received on the morning of the 22nd was verified.
A partly cloudy cool day.
Shadow cast by Lincoln Tower
Sunshine from 6:30 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 24 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	29	28	27	28	29	31	33	36	37	40	42	43	43	44	43	40	39	38	36	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←		Cloudy							X Pt Cldy				X Clear					→
Sunshine (in tenths of hours)					0.20 0	Ø 0.7 0	0	0	0	0.1	0.1	0.5	1.0	0.9	0.9	0.6	0.5	0.6 0.4	0.50 0					
Wind direction	NW	NW	NW	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	W	NW	NW	NW
Wind movement	7	6	9	7	6	7	8	10	10	12	10	11	10	12	11	11	11	10	9	7	6	7	7	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:48 Character, Clear
Moonrise: 0
Sunset: Time, 6:30 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

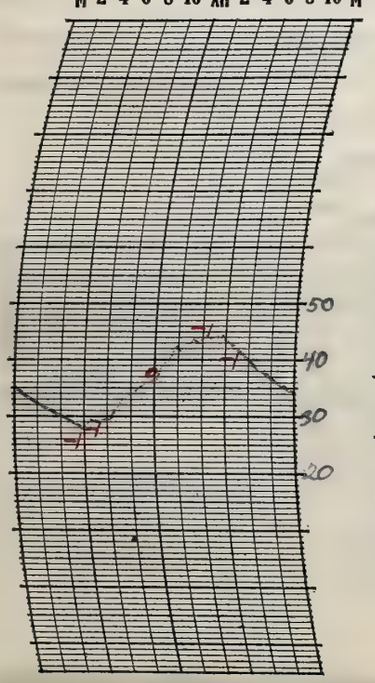
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	27	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 7.0 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 51
Prevailing wind direction, NW Total wind, 210
Average hourly velocity, 8.8 Extreme velocity, 16
Maximum velocity, 15 Direction, NW
Time began, 9:10 2 m.
Reduced barometer, 30.12 a. m. 30.10 p. m.
River gage, 6.0 feet
Relative humidity, 66 a. m. 66 p. m.

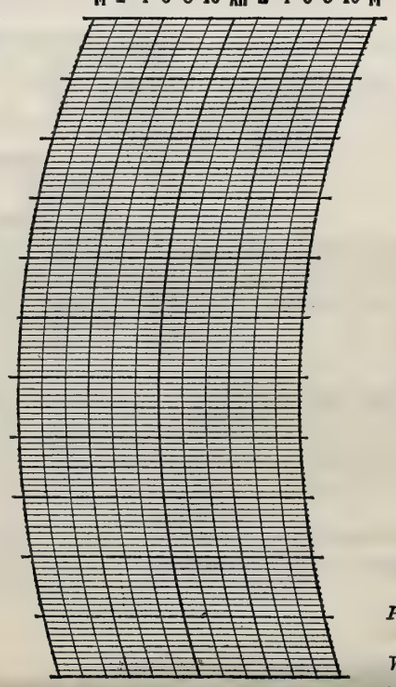
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.7 Wet temperature, 32.1
Dew-point, 25 R. humidity, 61 V. pressure, .130
Clouds: Amount, 8; Kind, strat; Direction, NW
Velocity of clouds (miles per hour)

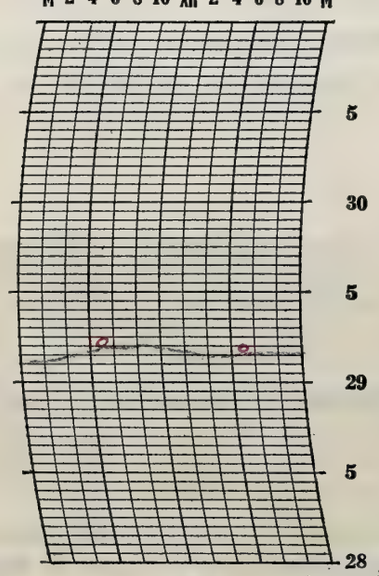
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E. L. H

NOTES

Frost warning received for heavy frost tonight.

A real freeze occurred during the early morning. The temperature was below freezing for about 9 hours and there was considerable damage to fruits, mostly pears, peaches, cherries, and early apples. Some damage also occurred to some garden stuff. A mostly cloudy, cold day. Light frost deposit. The frost warning received in the morning forecast of the 23rd was verified.

Ø Shadow cast by Lincoln Tower
Sunshine to 5:10 pm.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 25 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	30	30	32	36	40	42	44	46	46
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						<Clear			Cloudy			
Sunshine (in tenths of hours)					0.22 0	1.0 0	1.0 0	1.0 0	1.0	1.0	0.9	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	NW	W	W	W
Wind movement	5	5	5	5	3	5	4	6	7	9	11	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	48	47	47	46	46	46	45	44	43	42	40
Nature of precipitation and time of beginning and ending					AB 4:25 RE 4:30	AB 5:30 RE 5:35						
Amounts of precipitation					T	T						
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)	1.0	0	0	0	0	0	0					
Wind direction	W	NW	NW	NW	W	W	SW	SW	SW	SW	SW	NW
Wind movement	9	9	8	7	5	6	3	4	4	2	3	4

Maximum velocities (exceeding 24 miles) direction and time

State of weather.

Sunrise: Time, 4:47 Character, Clear

Moonrise:

Sunset: Time, 6:31 Character, Cloudy

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	30	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 8.1 Possible sunshine, hours, 13.7

Per cent of possible sunshine, 59

Prevailing wind direction, NW Total wind, 140

Average hourly velocity, 5.8 Extreme velocity, 16

Maximum velocity, 15 Direction, W

Time began, 10:51 a.m.

Reduced barometer, 30.12 7 a. m. 30.10 7 p. m.

River gage, 4.6 feet

Relative humidity, 73 7 a. m. 56 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

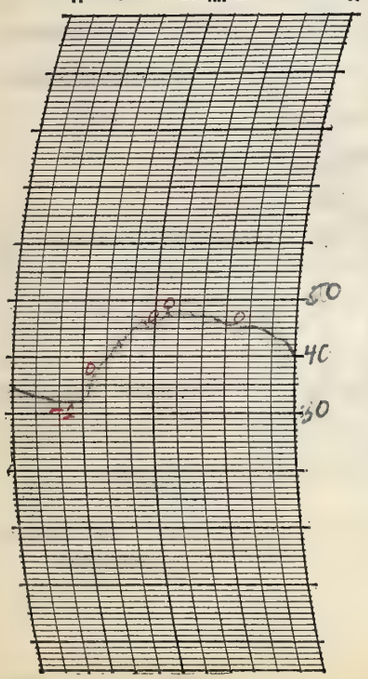
Dry temperature, 46.0 Wet temperature, 38.7

Dew-point, 29 R. humidity, 51 V. pressure, .157

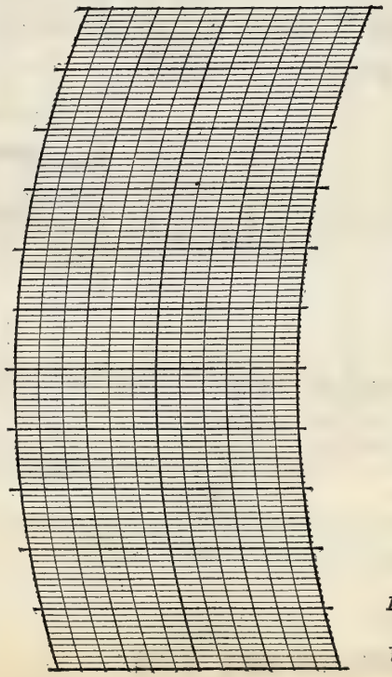
Clouds: Amount, 10; Kind, Stu; Direction, W

Velocity of clouds (miles per hour)

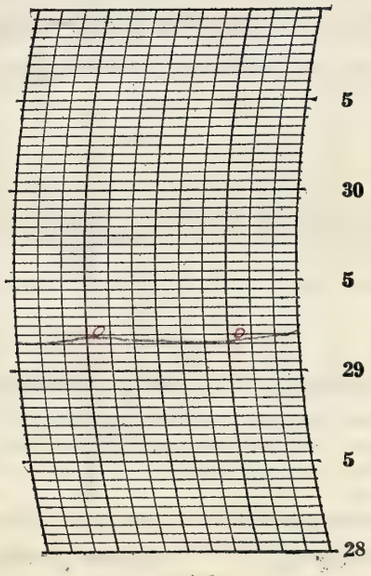
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJH

Verified by E. D. H.

8—486

NOTES

Warning received for probably light frost tonight.

A very heavy white frost occurred about 1:00 a.m. The frost was recorded as killing, however the most damage was done on the 24th. A very bright morning followed by a cloudy, threatening afternoon. The frost warning received on the 24th was verified.

Ø Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 26 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	36	36	35	35	36	39	44	48	49	52	55	54	56	58	59	58	57	55	53	53	52	51	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←							Clear											→
Sunshine (in tenths of hours)					0.25 0	1.0 0	1.0 0	1.0 0	Ø 0.1 0.9	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0					
Wind direction	N	N	N	N	N	N	N	N	N	W	S	S	S	SW	W	SW	S	SE	E	E	SE	SE	O	E
Wind movement	5	3	4	2	2	2	2	3	2	5	4	5	6	5	4	4	5	3	3	2	2	1	0	2

Sunrise: Time, 4:45 Character, Clear
Moonrise:
Sunset: Time, 6:32 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

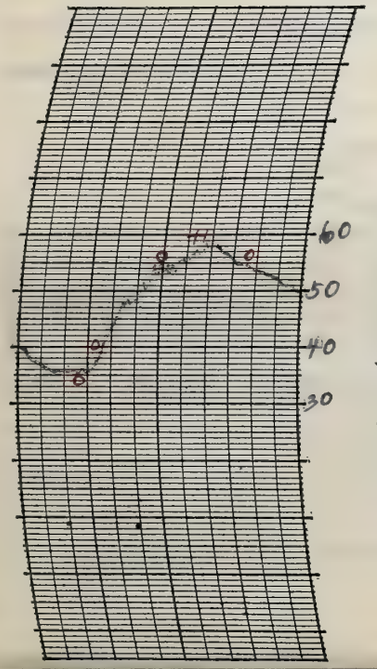
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	35	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.4 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 90
Prevailing wind direction, N Total wind, 76
Average hourly velocity, 3.2 Extreme velocity, 10
Maximum velocity, 10 Direction, S
Time began, 12:19 p.m.
Reduced barometer, 30.24 7 a. m., 30.20 7 p. m.
River gage, 4.0 feet
Relative humidity, 72 7 a. m. 41 7 p. m.

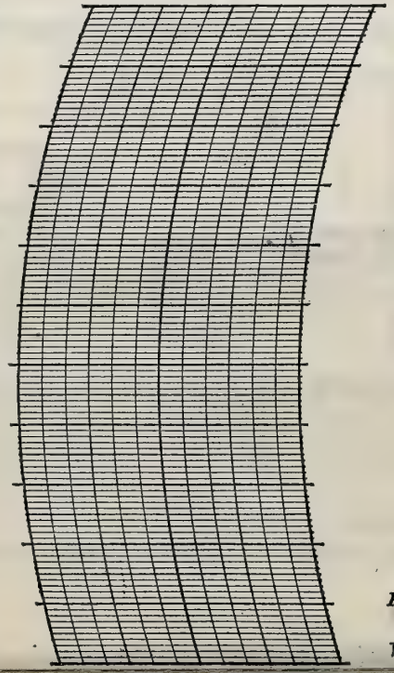
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 55.2 Wet temperature, 44.2
Dew-point, 31 R. humidity, 39 V. pressure, .172
Clouds: Amount, 2; Kind, Cu; Direction, S
Velocity of clouds (miles per hour)

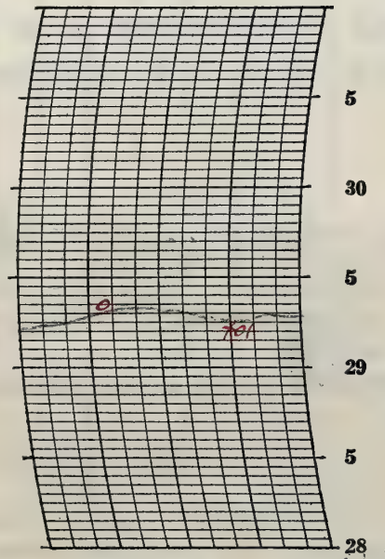
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H

NOTES

Daylight saving time adopted at midnight by Fort Wayne and vicinity. Warning was received with the am. forecast for light frost on the 26th. The warning was verified. The frost was light and no damage. A mostly clear, moderate beautiful day. Good flying conditions.

Ø Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 27 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	45	45	44	45	47	51	54	55	57	58	57	58	59	59	57	56	54	50	49	48	48	48
State of weather: Nature of precipitation and time of beginning and ending															RB 2:55	RE 3:10	RB 4:20							R cont
Amounts of precipitation															T	T	T	T	T	.02	T	.01	.01	.04
Cloudiness and other conditions						←						Cloudy												→

Sunrise: Time, 4.44 Character, Cloudy

Moonrise:

Sunset: Time, 6.33 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	E	E	E	O	E	SE	SE	SE	S	S	S	SE	S	E	E	SE	E	E	E	E	NE	NE	NE	NE
Wind movement	1	3	2	0	2	3	4	4	6	5	3	2	2	2	4	3	2	2	3	4	7	7	6	7
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	44	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 6 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.8 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 13.8

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind, 84

Average hourly velocity, 3.5 Extreme velocity, 11

Maximum velocity, 11 Direction, NE

Time began, 11:18 p.m.

Reduced barometer, 30.22 7 a. m. 30.16 7 p. m.

River gage, 4.8 feet

Relative humidity, 63 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

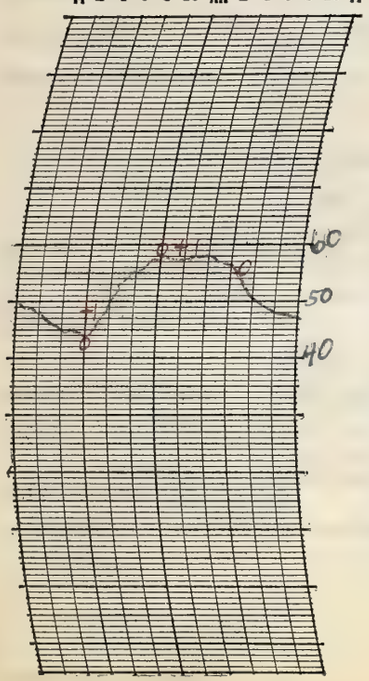
Dry temperature, 58.2 Wet temperature, 46.8

Dew-point, 34 R. humidity, 41 V. pressure, .195

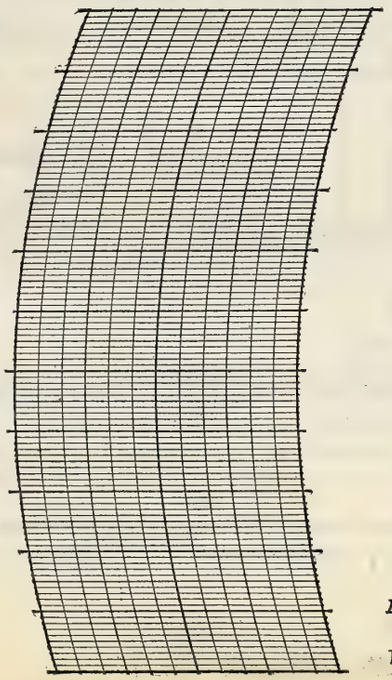
Clouds: Amount, 10; Kind, cst; Direction, W

Velocity of clouds (miles per hour)

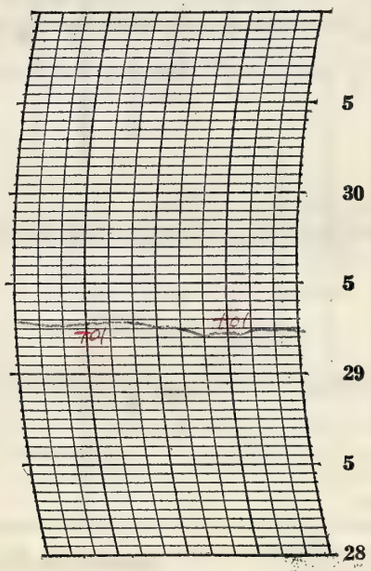
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H

8—486

NOTES

Mostly cloudy day, however sun shone thru high clouds at times during the morning (but it was not strong enough to cast a shadow or make the recorder work). Light precipitation occurred during the afternoon and at night. Ceilings remained high all day — and visibility good. Conditions favorable for flying.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 28 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	47	47	47	47	47	47	48	50	52	35	57	58	59	59	58	57	55	53	51	50	49	49
State of weather: Nature of precipitation and time of beginning and ending	R cont									RE 9:10														
Amounts of precipitation	T	T	.01	T	.01	.02	.02	T	T	T														
Cloudiness and other conditions	← Cloudy																							
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.1	0	0.4	0.2	1.0	0.9 0.7	1.0 0	0.2 0					
Wind direction	NE	NE	NE	E	E	E	E	E	NE	E	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	7	6	5	6	6	7	8	5	6	7	6	7	6	5	8	8	5	7	7	9	8	8	7

Sunrise: Time, 4.43 Character, Cloudy
Moonrise:
Sunset: Time, 6.34 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

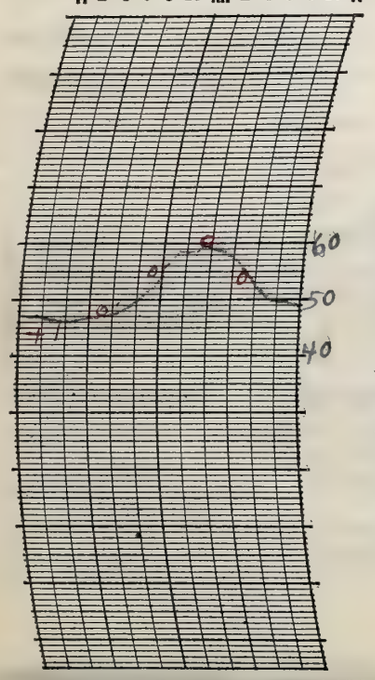
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	47	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .14 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.9 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 28
Prevailing wind direction, NE Total wind, 159
Average hourly velocity, 6.6 Extreme velocity, 11
Maximum velocity, 11 Direction, NE
Time began, 8:00 pm.
Reduced barometer, 30.21 a. m. 30.16 p. m.
River gage, 4.2 feet
Relative humidity, 85 a. m. 82 p. m.

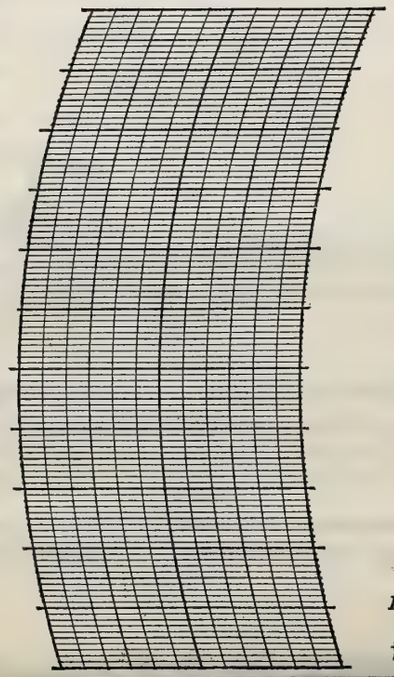
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.8 Wet temperature, 51.0
Dew-point, 48 R. humidity, 77 V. pressure, .334
Clouds: Amount, 10; Kind, st; Direction, SE
Velocity of clouds (miles per hour)

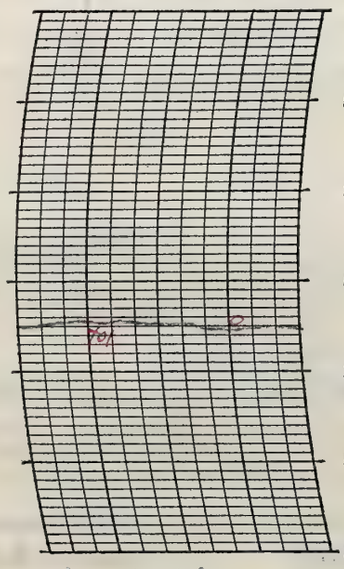
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. P. H

NOTES

A cloudy day until 3:25 pm then partly cloudy. However the sun shone through thick clouds for short periods from 1:00 pm until 2:45 pm. The eclipse of the sun was visible at 1:10 pm and remained visible until 1:45 pm. The clouds became thicker and from 1:45 until 2:45 pm the sun was only visible a few times for just a second each time. The greatest portion seemed to be covered at 2:30 pm when about ½ or possibly a little more of the sun was hidden by the moon. From 2:45 pm until 3:24 pm the sun shone bright through broken clouds and the shadow disappeared at 3:24 pm.

8—486

U. S. GOVERNMENT PRINTING OFFICE: 1928

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 29 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	47	46	47	48	52	69	66	71	74	75	78	79	76	75	75	69	68	67	67	66	65
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:30 RE 4:45		RB 6:18 RE 6:30					
Amounts of precipitation																	T	T	.01					
Cloudiness and other conditions						← Cldy	x Pc	Cldy	x Clear	x Pc	Cldy	x Pc	Pt Cldy						x Cldy		x Pc	Cldy		

Sunrise: Time, 4:41 Character, Cloudy

Moonrise:

Sunset: Time, 6:35 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0.5 0	Ø 0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.4	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	SE	S	S	S	SW	SW	W	W	NW	SW	SW	SW	SW	SW	S
Wind movement	5	7	5	7	5	4	4	4	3	4	6	7	7	7	7	3	3	1	7	5	6	3	2	4

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	46	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 8.3 Possible sunshine, hours, 13.8

Per cent of possible sunshine, 60

Prevailing wind direction, NE & SW Total wind, 116

Average hourly velocity, 4.8 Extreme velocity, 10

Maximum velocity, 10 Direction, SW

Time began, 12:18 pm.

Reduced barometer, 30.16 a. m. 30.08 p. m.

River gage, 3.2 feet

Relative humidity, 90 a. m. 68 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

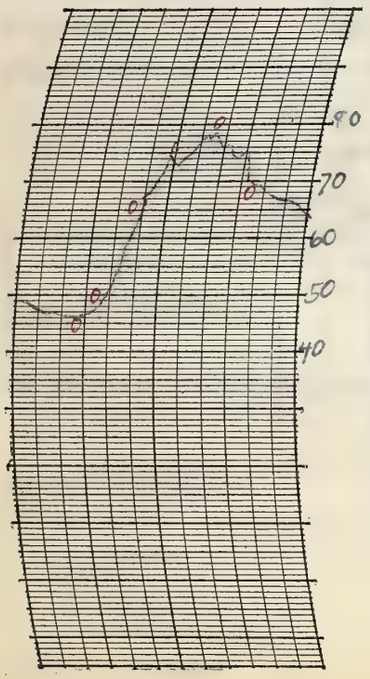
Dry temperature, 74.0 Wet temperature, 64.5

Dew-point, 59 R. humidity, 60 V. pressure, .499

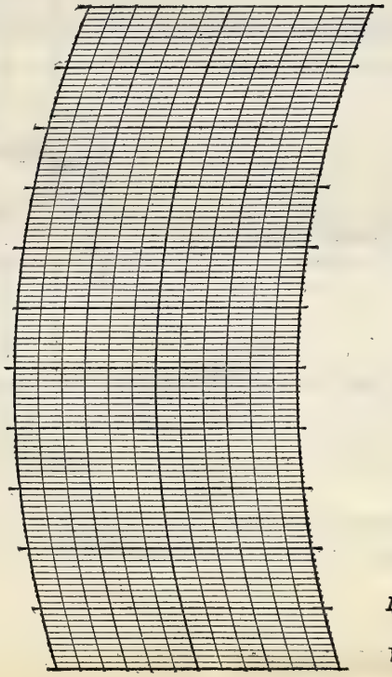
Clouds: Amount, 4; Kind, cu.; Direction, W

Velocity of clouds (miles per hour)

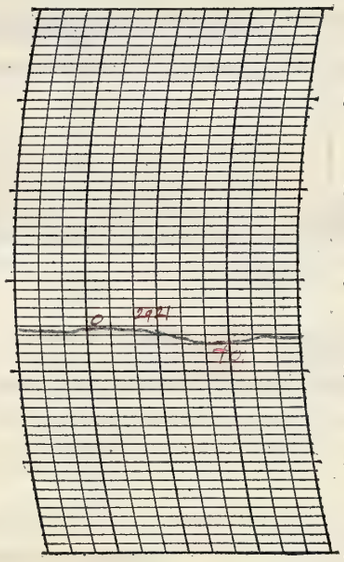
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. J. H.

8—486

NOTES

A partly cloudy day with the sun shining through upper clouds the greater portion of the day. A brisk shower occurred at 4:30 pm. followed by sunshine.

Shadow cast by Lincoln Tower

Thunder was heard at 6:00 pm and again at 6:21 pm

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 30 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	63	62	61	61	63	64	65	67	68	70	73	76	78	76	63	67	68	67	66	66	65	64
State of weather: Nature of precipitation and time of beginning and ending							RB 6:02	RE 7:05									RB 4:10	RE 5:15			RB 8:20 RE 8:35			
Amounts of precipitation							.01	T									.06	T			T			
Cloudiness and other conditions							← Cloudy								XPX	Cldy	Cldy							→

Sunrise: Time, 4:40 Character, Cloudy
Moonrise:
Sunset: Time, 6:36 Character, Cldy
Moonset:

Sunshine (in tenths of hours)					0	0	0	0	0	0	0.6	1.0	1.0	1.0	1.0	0.9	0	0	0					
Wind direction	S	SW	SW	S	S	SW	SW	SW	SW	SW	SE	SE	S	S	SW	S	S	S	S	S	S	S	S	S
Wind movement	5	9	7	5	5	5	7	7	6	4	5	5	5	8	10	10	14	8	14	11	7	8	11	12
Maximum velocities (exceeding 24 miles) direction and time																								

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

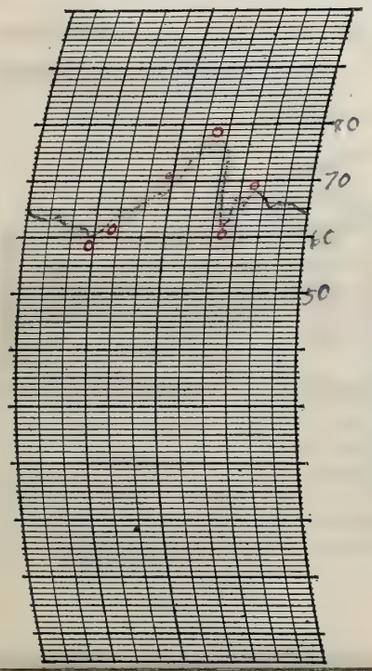
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	60	69	

Total depth of snow for 24 hours ending ? p. m., 0 inches.
Snow, sleet, and hail on ground ? p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to ? a. m., .01 ins.; to ? p. m., .06 ins.
Total precipitation, midnight to midnight, 0.7 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 5.9
Actual sunshine, hours, 5.5 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 40
Prevailing wind direction, S Total wind, 185
Average hourly velocity, 7.8 Extreme velocity, 26
Maximum velocity, 24 Direction, SW
Time began, 4:09 pm
Reduced barometer, 30.15 ? a. m. 30.02 ? p. m.
River gage, 3.0 feet
Relative humidity, 82 ? a. m. 56 ? p. m.

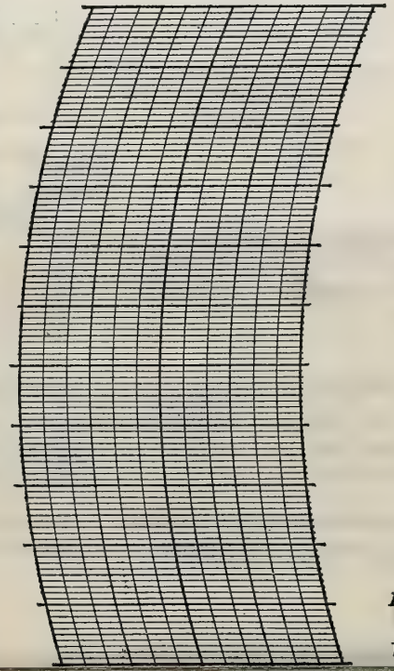
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 70.0 Wet temperature, 62.0
Dew-point, 57 R. humidity, 64 V. pressure, .465
Clouds: Amount, 10; Kind, stcu.; Direction, S
Velocity of clouds (miles per hour)

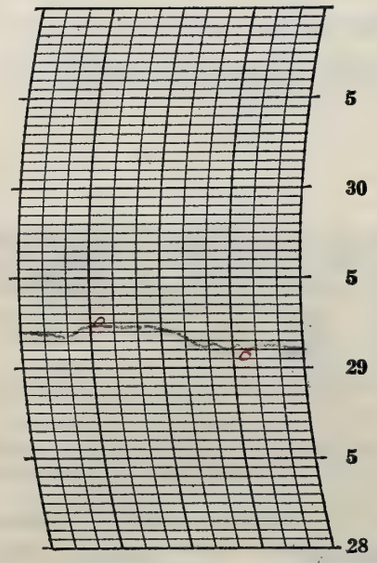
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H

NOTES

A mostly cloudy threatening day, but conditions favorable for flying most of the day.

U. S. GOVERNMENT PRINTING OFFICE: 1902

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) MAY 1 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	62	63	63	62	66	68	71	74	76	78	78	80	78	78	76	75	74	72	71	71	70	69
State of weather: Nature of precipitation and time of beginning and ending																RB 3:40 RE 3:45								
Amounts of precipitation																T								
Cloudiness and other conditions						←	Clear	X			Pt	Cldy			X		Cldy	X		Pt	Cldy			→
Sunshine (in tenths of hours)					# 0.35	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.6	0.2	0					
Wind direction	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S
Wind movement	12	10	9	11	12	13	14	15	15	18	19	18	18	20	20	16	15	16	15	14	14	14	17	19
Maximum velocities (exceeding 24 miles) direction and time															29 SW 2:20									

Sunrise: Time, 4:39 Character, Clear
Moonrise:
Sunset: Time, 6.37 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	62	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.2 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 80
Prevailing wind direction, 36.4 Total wind, SW
Average hourly velocity, 15.2 Extreme velocity, 31
Maximum velocity, 28 Direction, SW
Time began, 2:20 pm.
Reduced barometer, 30.01 7 a. m. 29.84 7 p. m.
River gage, 3.0 feet
Relative humidity, 76 7 a. m. 65 7 p. m.

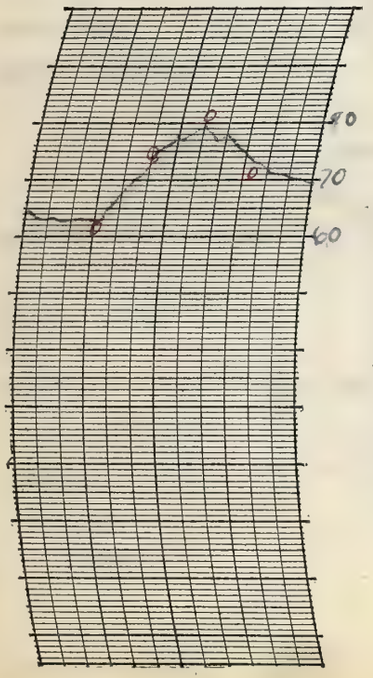
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

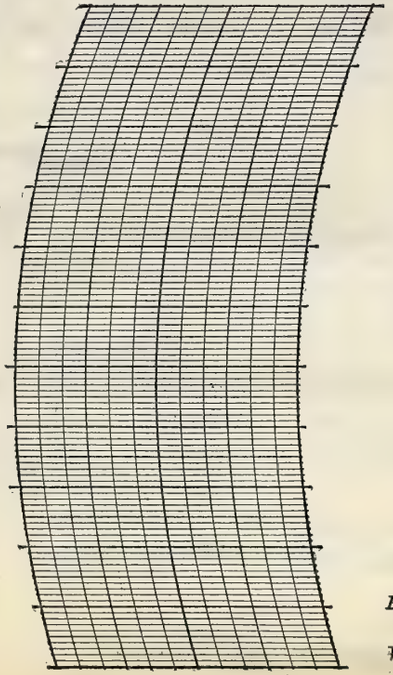
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 77.8 Wet temperature, 67.2
Dew-point, 62 R. humidity, 55 V. pressure, .555
Clouds: Amount, 5 ; Kind, Cu ; Direction, W
Velocity of clouds (miles per hour)

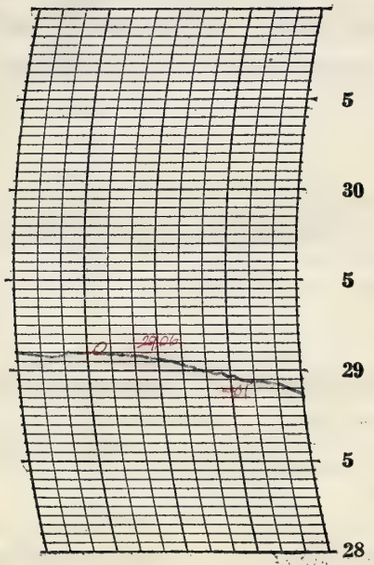
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. Y. H

8—486

NOTES

observed sunshine; loose wire connection.
A partly cloudy to cloudy day, good visibility, and good ceilings all day. A light sprinkle during the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 2 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	70	60	58	62	64	65	66	62	67	67
State of weather: Nature of precipitation and time of beginning and ending			RB DN2	RE DN2	RB DN2	RE 5:05						
Amounts of precipitation			.02	T	.09	T						
Cloudiness and other conditions					← Cloudy				→ Partly Cldy		→	
Sunshine (in tenths of hours)					0	0	0.7 0 0.8 0	0	0.8	1.0	1.0	1.0
Wind direction	SW	SW	SW	W	SW	SW	SW	SW	SW	W	W	W
Wind movement	16	18	22	10	6	12	17	17	16	20	21	21
Maximum velocities (exceeding 24 miles) direction and time			27 W 2:39								25 W 10:17	26 W 11:01

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	67	66	65	64	63	60	60	58	56	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Clear									
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.1 0.9	0.63 0					
Wind direction	W	W	W	W	NW	W	NW	W	W	SW	SW	SW
Wind movement	20	21	21	20	18	13	8	5	6	3	4	5
Maximum velocities (exceeding 24 miles) direction and time		26 W 1:53	25 W 2:05									

Sunrise: Time, 4:37 Character, Cloudy
Moonrise:

Sunset: Time, 6:38 Character, Clear
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	55	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .11 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 11.9 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 85
Prevailing wind direction, SW + W Total wind, 340
Average hourly velocity, 14.2 Extreme velocity, 30
Maximum velocity, 29 Direction, SW
Time began, 2:39 2m
Reduced barometer, 29.74 7 a. m. 29.93 7 p. m.
River gage, 3.0 fall
Relative humidity, 75 7 a. m. 42 7 p. m.

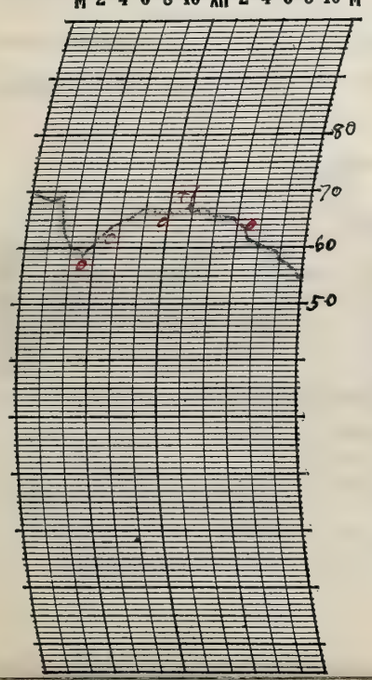
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

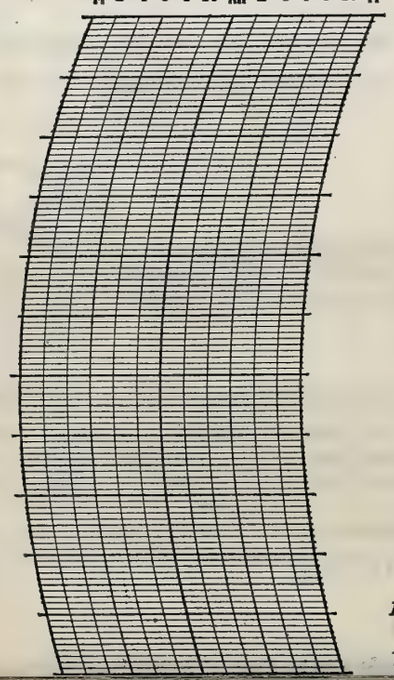
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 62.0 Wet temperature, 55.0
Dew-point, 45 R. humidity, 46 V. pressure, .298
Clouds: Amount, 1; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

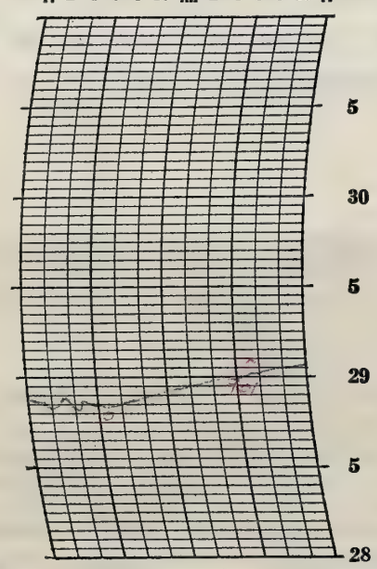
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

NOTES

A cloudy, threatening morning, followed by a mostly clear afternoon. Visibility was poor until 8:00 am, good the remainder of the day.

The sun shone from 5:20 am to 6:50 am. Shadow cast by the Lincoln Tower affects the sunshine recorder in the early morning.

U. S. GOVERNMENT PRINTING OFFICE: 1928

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind. (Day of week) Saturday, (Date) MAY 3 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	51	50	51	56	61	65	66	68	69
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←				Clear		
Sunrise: Time, Character, 4:36 Clear												
Moonrise:												
Sunshine (in tenths of hours)					0.40 0	1.0 0	1.0 0	1.0 0	Ø 0.1 0.9	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	W	W	N	NW	NW	NW
Wind movement	6	5	6	2	3	4	3	4	6	6	7	6

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	73	73	73	72	70	67	66	63	59	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions									→			
Sunset: Time, Character, 6:37 Clear												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.65 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	7	6	7	4	6	5	3	2	2	4	5	6

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

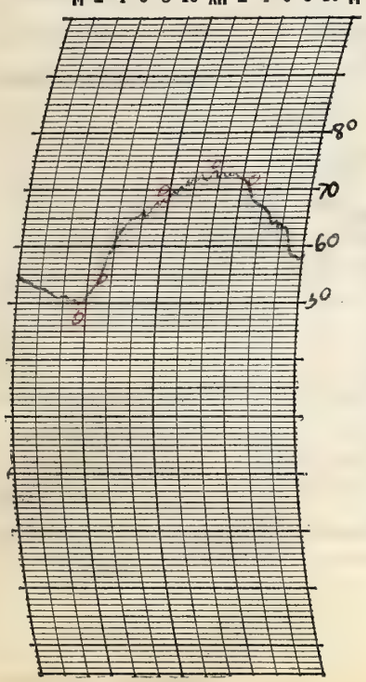
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	50	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 14.0 Possible sunshine, hours, 14.0
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 115
Average hourly velocity, 4.8 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 10:51 2m
Reduced barometer, 30.07 7 a. m., 30.01 7 p. m.
River gage, 2.8 fall
Relative humidity, 69 7 a. m. 34 7 p. m.

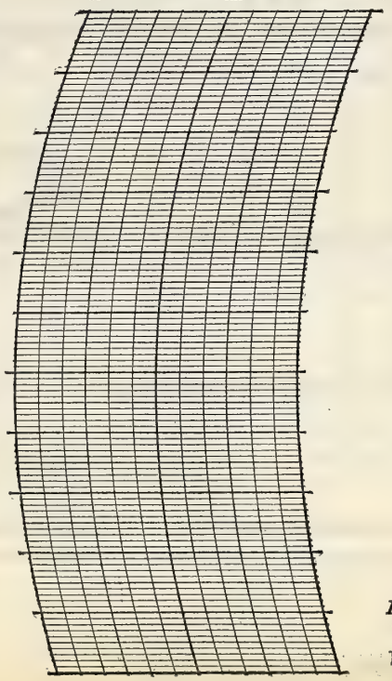
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.0 Wet temperature, 52.0
Dew-point, 35 R. humidity, 29 V. pressure, .203
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

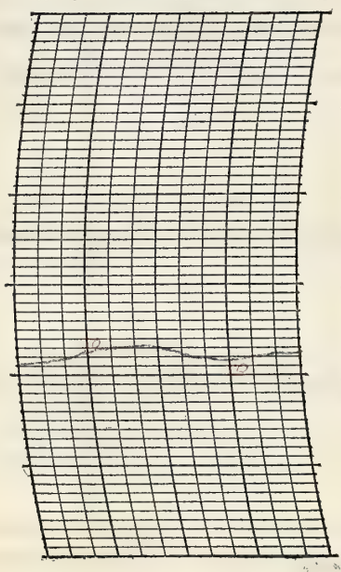
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

a clear, moderate, beautiful day, no clouds at any time
Ø Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 4 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	54	53	52	53	58	62	66	70	73	75
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←				Clear		
Sunshine (in tenths of hours)					0.42 0	1.0 0	1.0 0	1.0 0	Ø 0.8	1.0	1.0	1.0
Wind direction	N	NE	NE	E	E	E	SE	SE	SE	SE	SE	SE
Wind movement	5	3	4	5	5	9	7	9	8	8	7	8

Sunrise: Time, 4:35 Character, Clear. Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	78	79	79	79	78	76	73	72	70	69	68
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.7	0.2 0					
Wind direction	SE	SE	S	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	9	8	10	10	8	7	5	7	7	8	8	9

Sunset: Time, 6:40 Character, Cloudy. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

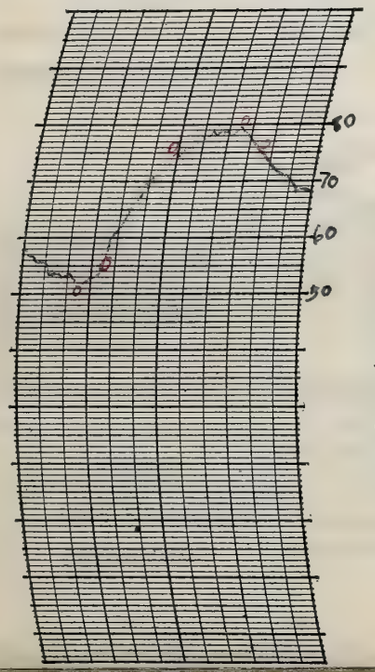
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	52	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 13.6 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 96
Prevailing wind direction, SE Total wind, 167
Average hourly velocity, 7.0 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 2:51 p.m.
Reduced barometer, 30.10 7 a. m., 29.96 7 p. m.
River gage, 2.8 feet
Relative humidity, 49 7 a. m. 33 7 p. m.

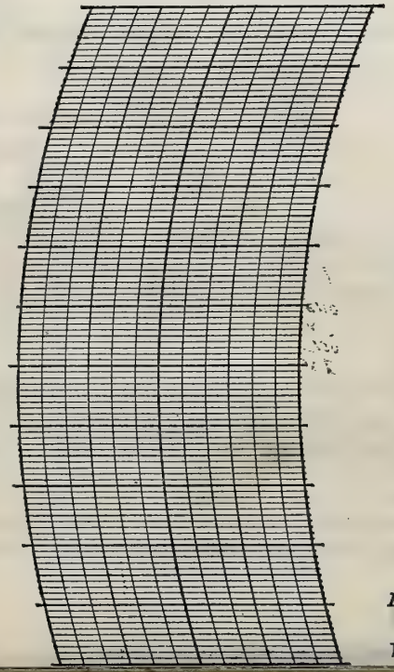
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 74.8 Wet temperature, 56.6
Dew-point, 41 R. humidity, 30 V. pressure, .256
Clouds: Amount, 3; Kind, cirr, Direction, SE
Velocity of clouds (miles per hour)

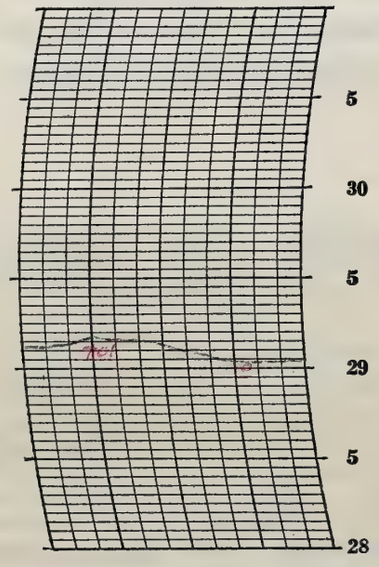
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H

NOTES

A clear, beautiful day, fine weather for the operation of the airship that visited the city on this date. Clear also at night.

The sun shone to 6:15 p.m.

Ø Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 5 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	68	66	65	64	65	67	70	74	76	79	74
State of weather: Nature of precipitation and time of beginning and ending									RB 8:00 RE 8:10			
Amounts of precipitation									T			
Cloudiness and other conditions						←	Cloudy			—	× Pt Cldy	—
Sunrise: Time, 4:33 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0.2	0.9	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	8	8	8	8	8	8	8	8	9	10	11	13
Maximum velocities (exceeding 24 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	82	80	74	69	68	67	65	64	64	63	63
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	—	—	—	—	—	×	Pt Cldy	—	—	—	—	→
Sunset: Time, 6:41 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0.8	0.8	0.2	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	12	16	15	20	19	9	12	10	8	8	6	7
Maximum velocities (exceeding 24 miles) direction and time				28 SW 3:33								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.9 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 42
Prevailing wind direction, S Total wind, 249
Average hourly velocity, 10.4 Extreme velocity, 31
Maximum velocity, 28 Direction, SW
Time began, 3:33 pm
Reduced barometer, 29.98 7 a. m. 29.95 7 p. m.
River gage, 28 fall
Relative humidity, 69 7 a. m. 73 7 p. m.

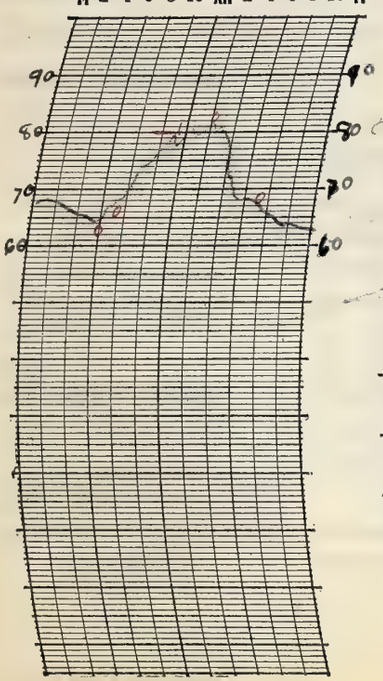
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

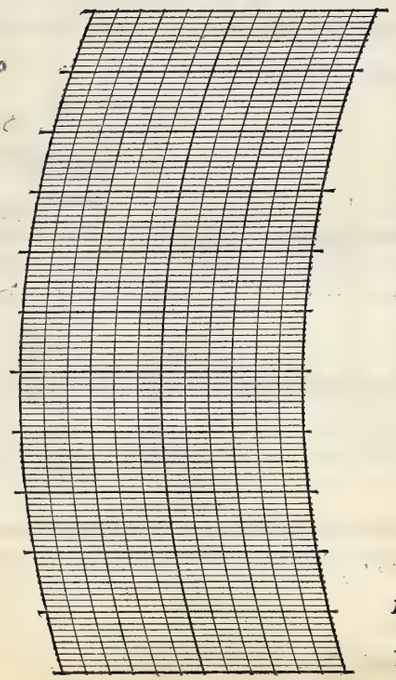
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 79.2 Wet temperature, 68.0
Dew-point, 62 R. humidity, 56 V. pressure, .555
Clouds: Amount, 6 ; Kind, Cu ; Direction, SW
Velocity of clouds (miles per hour)

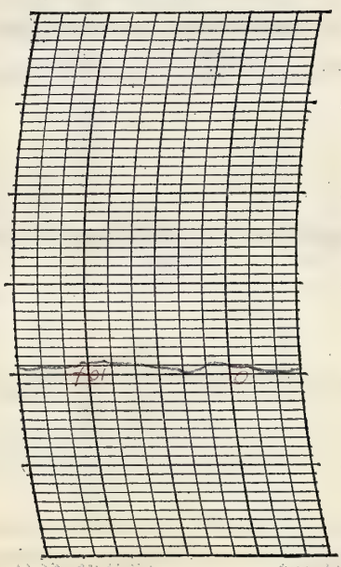
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.H.

Verified by E.S.H.

8—486

NOTES

A mostly cloudy, threatening day with the sun shining thru broken clouds, mostly lower, a large portion of the time. Very threatening from 3:30 pm until 5:00 pm. but no rain fell.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 6 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	62	62	64	68	72	76	79	80	82
State of weather: Nature of precipitation and time of beginning and ending			RB DN2 RE DN3									
Amounts of precipitation			T									
Cloudiness and other conditions						←			Clear			
Sunshine (in tenths of hours)					0.4? 0	1.0 0	1.0 0	1.0 0	Ø 0.3 0.7	1.0	0.8	1.0
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	S
Wind movement	8	9	9	9	8	7	9	9	9	11	12	14

Sunrise: Time, 4:32 Character, Clear

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	83	83	84	83	80	79	77	76	75	74	73
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly	×		Clear				→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9	0.1	0					
Wind direction	S	SW	SW	SW	S	S	S	SW	SW	S	S	S
Wind movement	12	13	13	11	10	10	8	5	2	5	8	8

Sunset: Time, 6:42 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	62	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 12.3 Possible sunshine, hours, 14.2

Per cent of possible sunshine, 87

Prevailing wind direction, S Total wind, 219

Average hourly velocity, 9.1 Extreme velocity, 17

Maximum velocity, 17 Direction, SW

Time began, 1:10 p.m.

Reduced barometer, 29.93 7 a. m. 29.83 7 p. m.

River gage, 2.6 feet

Relative humidity, 76 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

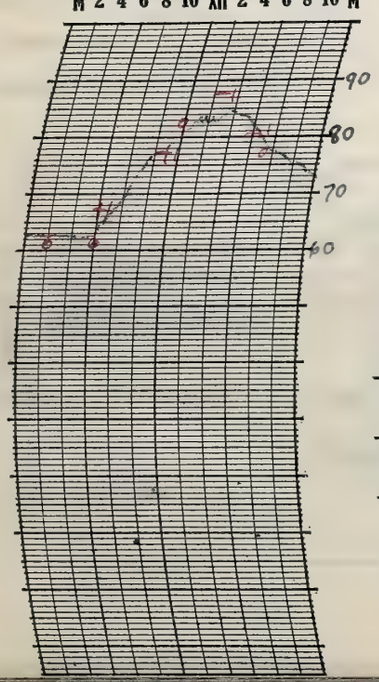
Dry temperature, 81.8 Wet temperature, 67.2

Dew-point, 60 R. humidity, 48 V. pressure, .517

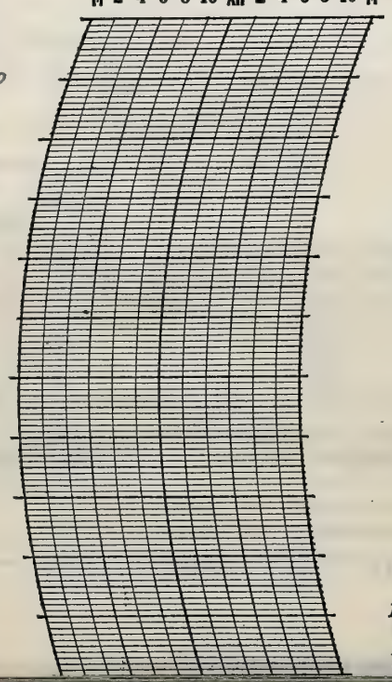
Clouds: Amount, 3; Kind, cu; Direction, W

Velocity of clouds (miles per hour)

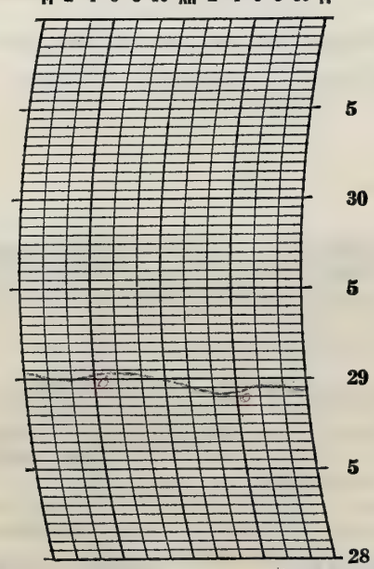
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.L.H

NOTES

The sun shone throughout most of the day but towards evening some clouds covered it.

Ø Shadow cast by Lincoln Tower

U. S. GOVERNMENT PRINTING OFFICE: 1928

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind (Day of week) Wednesday, (Date) MAY 7 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	70	67	66	67	67	69	70	74	77	76	74	74	76	76	76	76	74	71	68	67	65	64
State of weather: Nature of precipitation and time of beginning and ending				RB DN2 RE DN2	RB 4:05		RE 6:20		RB 8:35	RE 9:10			RB 0:35	RE 1:40										
Amounts of precipitation				.05	.06	.01	.01		T	T			T	T										
Cloudiness and other conditions					←					Cloudy								X Pr	Cldy					→
Sunshine (in tenths of hours)					0	0	0	0	0	0.8	1.0	1.0	0.3	0.1	1.0	0.8	0.7	0.8	0					
Wind direction	S	S	SE	SW	SW	SE	E	E	SE	SE	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	S
Wind movement	6	5	6	10	5	3	5	7	10	12	18	21	18	14	15	17	17	14	15	11	8	6	4	5
Maximum velocities (exceeding 24 miles) direction and time												26 S 11:23												

Sunrise: Time, 4:31 Character, Cloudy
Moonrise:
Sunset: Time, 6:43 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

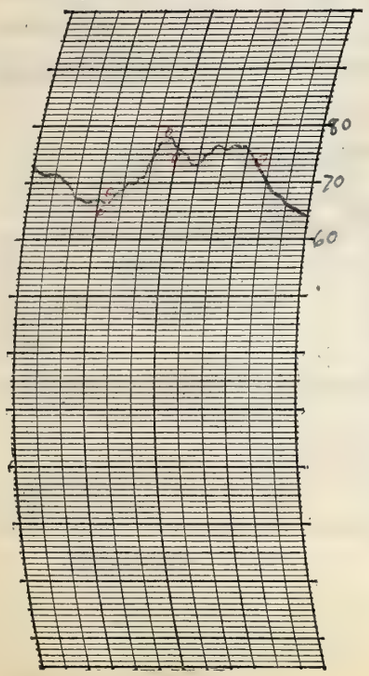
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	64	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .13 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .13 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 6.5 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 46
Prevailing wind direction, S Total wind, 252
Average hourly velocity, 10.5 Extreme velocity, 27
Maximum velocity, 26 Direction, S
Time began, 11:23 a.m.
Reduced barometer, 29.82 7 a. m. 29.72 7 p. m.
River gage, 2.5 fall
Relative humidity, 80 7 a. m. 51 7 p. m.

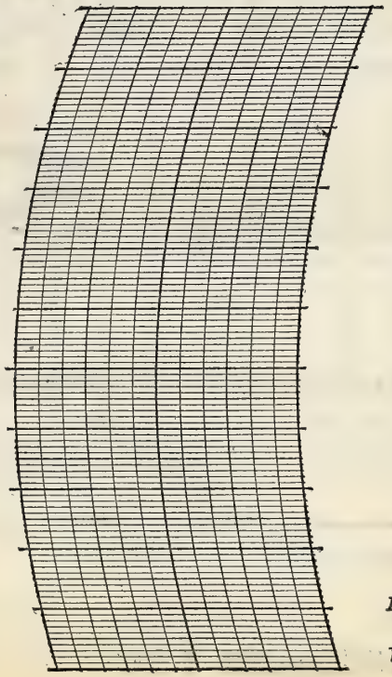
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 76.2 Wet temperature, 62.7
Dew-point, 54 R. humidity, 47 V. pressure, .412
Clouds: Amount, 10; Kind, Strat; Direction, S
Velocity of clouds (miles per hour)

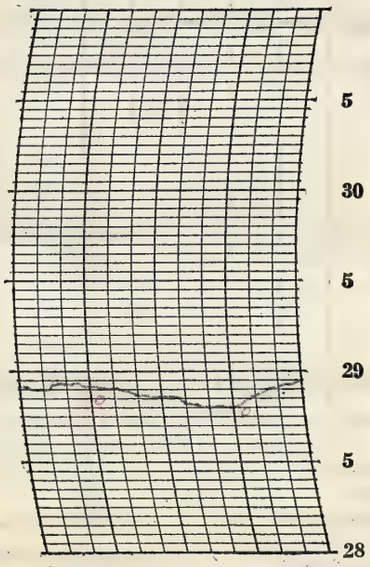
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by E.L.H.

8—486

NOTES

The thunderstorm in the morning did not cause damage. The day was mostly cloudy and threatening. Visibility was good and ceiling high and most broken - throughout the day.

Thunder first heard at 4:10 am and the ⊼ was moving from the west.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 8 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	62	60	59	60	65	70	75	79	80	81	82	83	84	85	83	82	80	78	75	73	71	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Clear												→
Sunshine (in tenths of hours)					0.50 0	1.0 0	1.0 0	1.0 0	Ø 0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.63 0.1					
Wind direction	S	S	S	S	SE	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	S	S	E	E	SE	S
Wind movement	7	2	4	3	5	6	9	11	12	11	10	9	9	10	9	8	10	7	5	2	2	3	4	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:30 Character, Clear
Moonrise:
Sunset: Time, 6:44 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

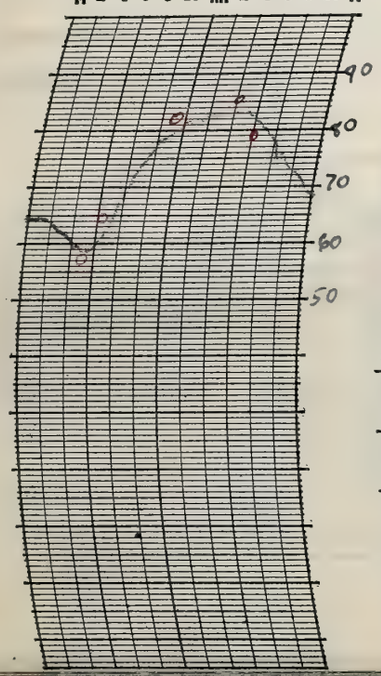
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	59	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.2 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 164
Average hourly velocity, 6.8 Extreme velocity, 15
Maximum velocity, 14 Direction, S
Time began, 8:13 Am.
Reduced barometer, 29.96 7 a. m. 29.97 7 p. m.
River gage, 2.3 feet
Relative humidity, 68 7 a. m. 29 7 p. m.

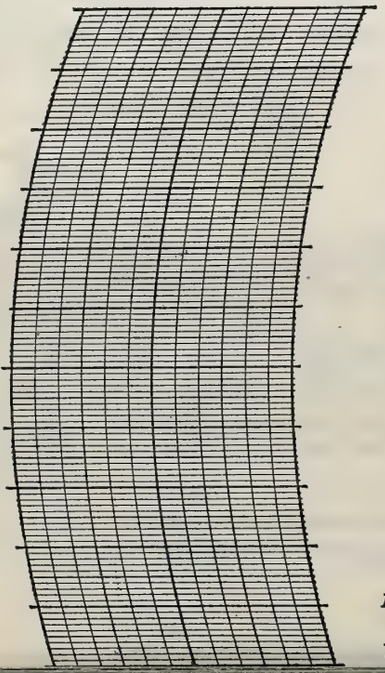
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.7 Wet temperature, 60.7
Dew-point, 46 R. humidity, 30 V. pressure, 310
Clouds: Amount, 1; Kind, cu; Direction, SW
Velocity of clouds (miles per hour)

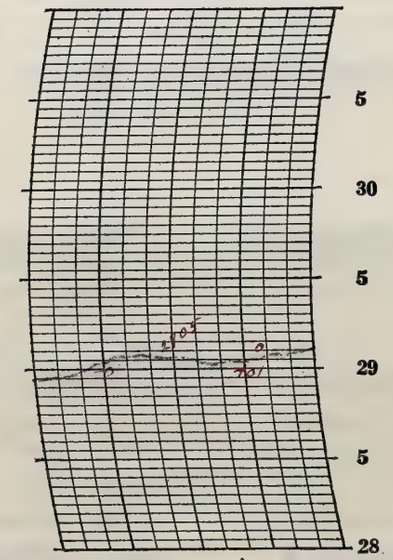
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by

NOTES

a clear, warm, beautiful day.
Ø Shadow cast by Lincoln Tower

U. S. GOVERNMENT PRINTING OFFICE: 1928

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 9 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	64	62	61	63	66	70	76	79	80	81	83	84	85	84	84	82	80	77	75	72	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←						Clear												→
Sunshine (in tenths of hours)					0.52 0	1.0 0	1.0 0	1.0 0	Ø 0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.75 0					
Wind direction	SW	SW	SW	SW	SE	SE	SE	S	S	S	S	SE	SE	S	S	S	SE	NE	NE	NE	E	NE	NE	E
Wind movement	3	4	4	2	2	2	3	6	6	6	7	6	7	8	7	6	4	4	5	4	5	4	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:29 Character, Clear
Moonrise:
Sunset: Time, 6:45 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

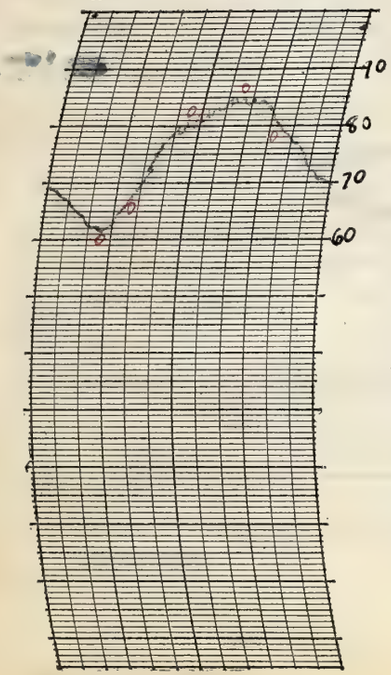
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	61	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.3 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 112
Average hourly velocity, 4.2 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 1:22 pm.
Reduced barometer, 30.09 7 a. m. 30.05 7 p. m.
River gage, 2.3 feet
Relative humidity, 78 7 a. m. 47 7 p. m.

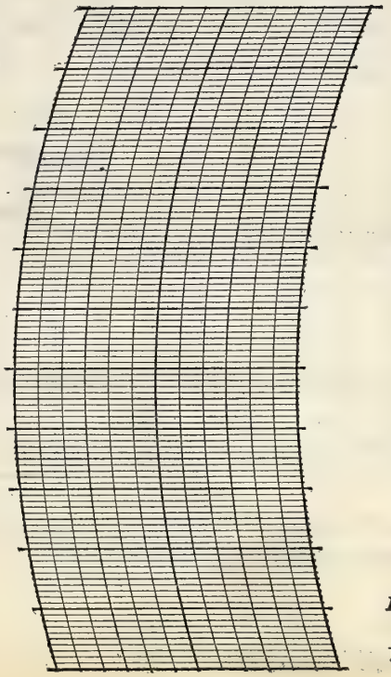
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.4 Wet temperature, 65.2
Dew-point, 56 R. humidity, 42 V. pressure, 448
Clouds: Amount, Few; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

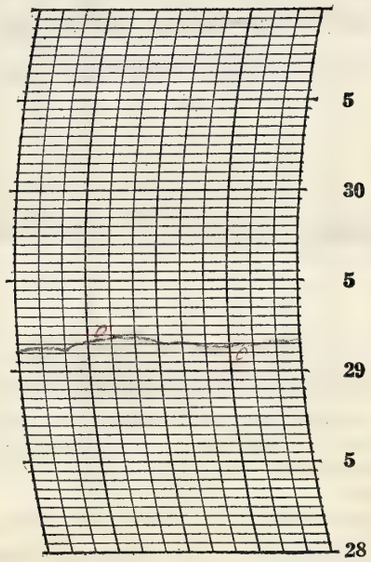
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ
Verified by E.S.H.

8—486

NOTES

a mostly clear warm day
flying conditions were good
Ø Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 10 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	66	63	62	63	65	70	77	81	84	85
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←	Part	Cloudy				
Sunshine (in tenths of hours)					0	0	0	0	0.6	1.0	1.0	1.0
Wind direction	E	E	NE	NE	NE	NE	E	E	E	SE	SE	SE
Wind movement	4	3	3	3	6	4	4	3	6	7	7	9

Sunrise: Time, 4:28 Character, Clear

Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	87	87	86	84	82	79	76	74	71	70	67
State of weather: Nature of precipitation and time of beginning and ending										RB 9:15 RE 9:45		
Amounts of precipitation										.13		
Cloudiness and other conditions			←	Cloudy							→	
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4	0	0					
Wind direction	E	SE	SE	SE	S	SE	E	E	E	E	NE	NE
Wind movement	8	11	9	9	7	5	7	6	5	5	7	6

Sunset: Time, 6:46 Character, Cloudy

Moonset:

Sunshine (in tenths of hours): 0.53, 1.0, 1.0, 1.0, Ø, 0.4

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	62	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .13 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 11.9 Possible sunshine, hours, 14.3

Per cent of possible sunshine, 83

Prevailing wind direction, E Total wind, 144

Average hourly velocity, 6.0 Extreme velocity, 13

Maximum velocity, 13 Direction, SE

Time began, 2:35 pm

Reduced barometer, 30.10 7 a. m. 30.02 7 p. m.

River gage, 1.4 feet

Relative humidity, 65 7 a. m. 41 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

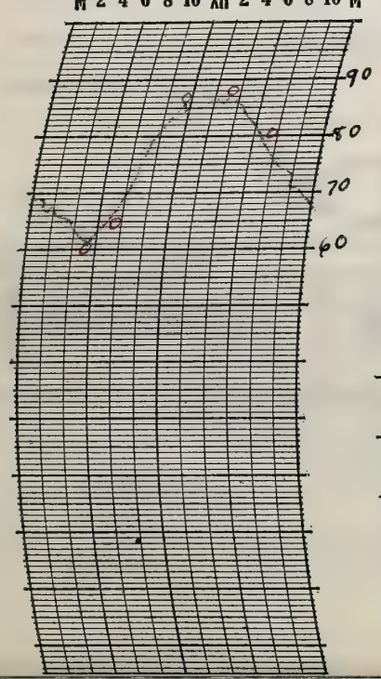
Dry temperature, 85.1 Wet temperature, 62.4

Dew-point, 47 R. humidity, 26 V. pressure, .322

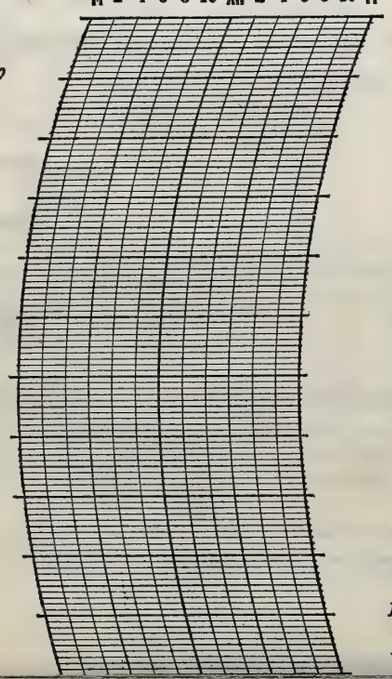
Clouds: Amount, 3; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

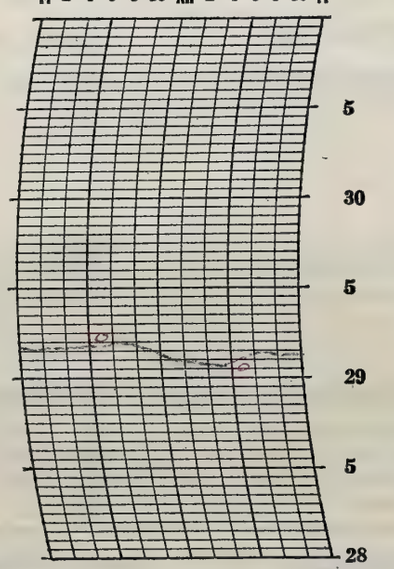
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

A partly cloudy warm day, the sun shone through broken clouds most of the day. Good visibility - and flying conditions in general were good
Ø Shadow cast by Lincoln Tower

U. S. GOVERNMENT PRINTING OFFICE: 1928

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 1 1 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	64	66	65	65	65	67	68	69	69	69	70	68	70	71	70	70	66	69	69	68	68	67	62
State of weather: Nature of precipitation and time of beginning and ending	RB DN2		RE DN2							RB 9:30 RE 9:40	RB 10:10 RE 10:20	RB 11:18		RE 1:15			RB 4:50	RE 5:20	RB 6:10 RE 6:50					
Amounts of precipitation	T	.12	T							T	T	T	.02	.01			T	.02	T					
Cloudiness and other conditions	← Cloudy →																							
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.1	0	0	0.6	0.2	0	0	0	0					
Wind direction	E	E	E	E	SE	E	E	SE	E	E	E	E	S	SE	SE	SE	SE	SW	E	SE	SE	SE	SE	S
Wind movement	5	4	5	6	5	5	5	5	4	5	5	4	9	5	6	7	6	5	7	8	6	8	9	11
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:27 Character, Cloudy
Moonrise:
Sunset: Time, 6:47 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

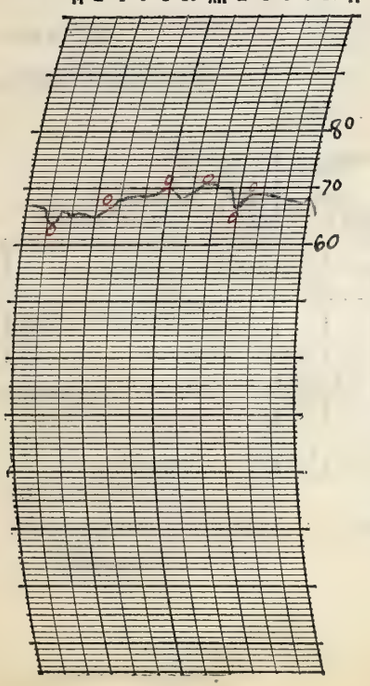
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	64	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .25 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .17 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 15.3
Per cent of possible sunshine, 6
Prevailing wind direction, E Total wind, 145
Average hourly velocity, 6.0 Extreme velocity, 15
Maximum velocity, 15 Direction, S
Time began, 11:22 p.m.
Reduced barometer, 30.05 7 a. m. 30.00 7 p. m.
River gage, 2.4 fall
Relative humidity, 83 7 a. m. 88 7 p. m.

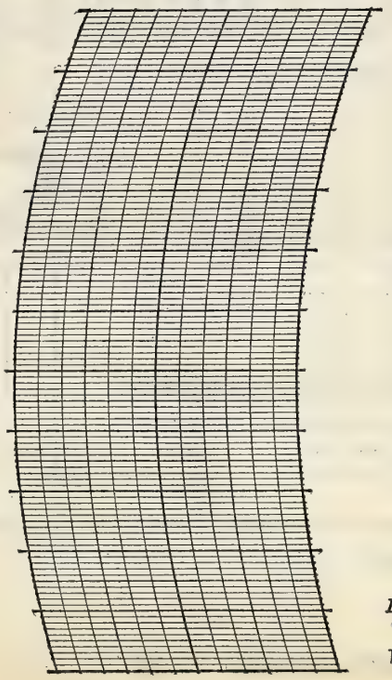
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.8 Wet temperature, 66.3
Dew-point, 65 R. humidity, 83 V. pressure, .56
Clouds: Amount, 4; Kind, Cu; Direction, SE
Velocity of clouds (miles per hour)

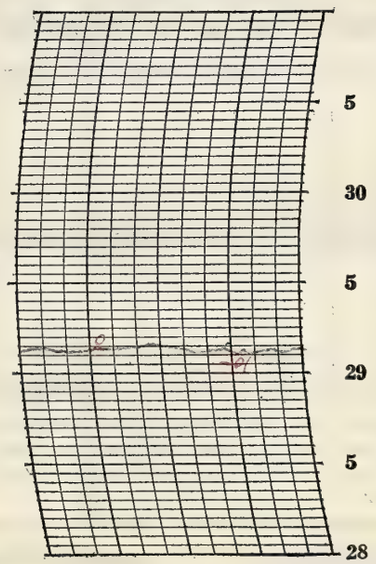
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EOL
Verified by E.G.H.

8—486

NOTES

Showers occurred off and on throughout the day. However they were not heavy and no bad storms occurred. A light thundershower passed north of the city moving from west to east at 4:50 pm no damage. Thunder first heard at 4:50 pm.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 12 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	62	61	61	62	64	67	71	71	72	72
Nature of precipitation and time of beginning and ending	RB DN2	RE DN2										
Amounts of precipitation	.02	T										
Cloudiness and other conditions	← Clear										× Partly	
Sunshine (in tenths of hours)					0.5? 0	1.0 0	1.0 0	1.0 0	Ø 0.4 0.6	1.0	1.0	1.0
Wind direction	S	SE	SE	S	S	SW	S	SW	S	SW	SW	SW
Wind movement	13	6	7	9	7	8	9	11	11	15	18	16

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	71	71	72	71	70	66	64	63	61	61
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy		×	Clear					→			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.1					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	19	18	15	15	14	11	9	7	9	9	8	8

Sunrise: Time, 4:26 Character, Clear

Moonrise:

Sunset: Time, 6:49 Character, Clear

Moonset:

State of weather.

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	60	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 14.4 Possible sunshine, hours, 14.4

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 279

Average hourly velocity, 11.4 Extreme velocity, 26

Maximum velocity, 25 Direction, SW

Time began, 11:20 am.

Reduced barometer, 30.10 7 a. m. 30.11 7 p. m.

River gage, 1.4 feet

Relative humidity, 85 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

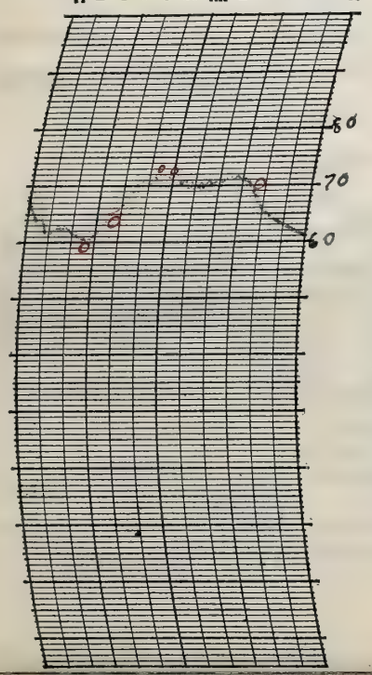
Dry temperature, 71.9 Wet temperature, 58.4

Dew-point, 49 R. humidity, 44 V. pressure, .347 in

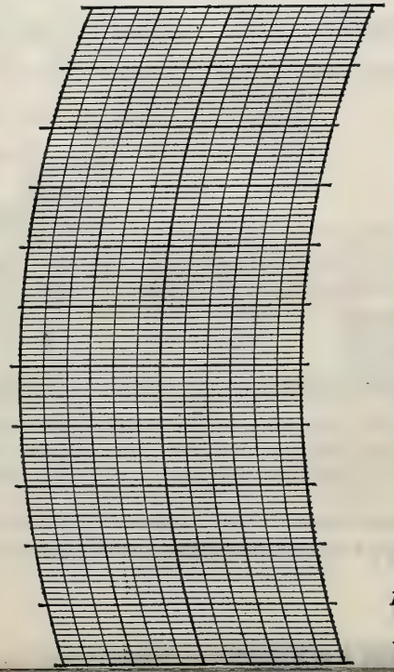
Clouds: Amount, 4; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

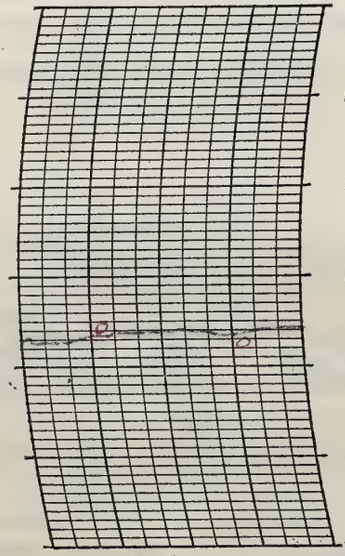
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by X CH

Verified by E.L.H

NOTES

A clear to partly cloudy day somewhat windy in the afternoon. The clouds were half and half cumulus and cirrus, high ceilings mostly broken and good visibility.

Ø Shadow cast by Lincoln Tower

U. S. GOVERNMENT PRINTING OFFICE: 1928

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 13 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	59	58	58	60	62	66	71	74	75	76	75	76	74	73	71	69	67	64	62	62	60	58
State of weather: Nature of precipitation and time of beginning and ending																RB 3:15 RE 3:30							RB 10:30	RE 11:30
Amounts of precipitation																T							.03	.01
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					0.58 0	1.0 0	1.0 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0.5	0					
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	SW	NW
Wind movement	8	9	8	7	8	8	9	8	9	10	14	16	17	16	19	19	17	16	12	9	9	12	10	6

Cloudy — Pr Cldy — Cldy

Sunrise: Time, 4:25 Character, Clear

Moonrise:

Sunset: Time, 6:50 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	58	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 13.0 Possible sunshine, hours, 14.4

Per cent of possible sunshine, 90

Prevailing wind direction, S Total wind, 276

Average hourly velocity, 11.5 Extreme velocity, 26

Maximum velocity, 24 Direction, S

Time began, 2:49 p.m.

Reduced barometer, 30.08 7 a. m. 29.85 7 p. m.

River gage, 1.2 feet

Relative humidity, 70 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

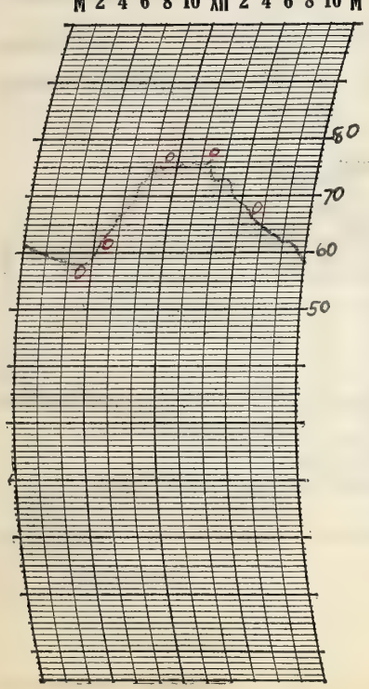
Dry temperature, 75.6 Wet temperature, 58.8

Dew-point, 45 R. humidity, 34 V. pressure, .298

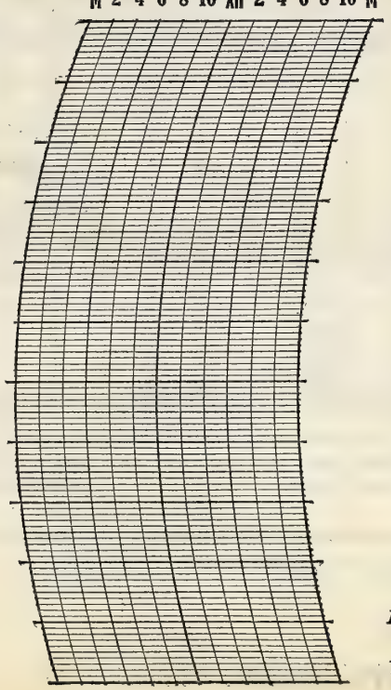
Clouds: Amount, 4 6; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

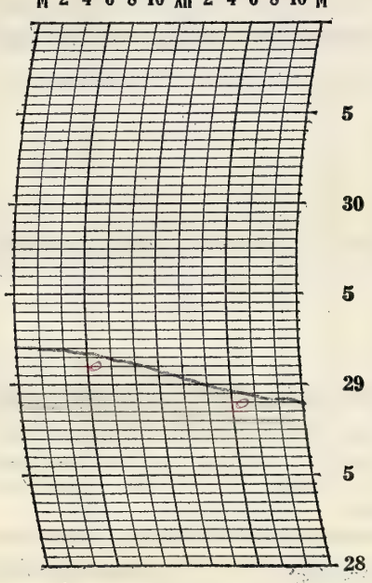
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

8—486

NOTES

Sunshine thru cloudy from sunrise until 8:00 a.m.

Only a few drops of precipitation fell in the afternoon. A mostly cloudy threatening day with the sun shining through upper clouds and broken skies

Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 14 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	54	53	52	53	54	55	55	56	56	56	56	56	56	57	56	57	56	54	54	54	53	53
State of weather: Nature of precipitation and time of beginning and ending									RB 8:25 RE 8:35											RB 7:10	RE 8:15			RB 11:25 R cont
Amounts of precipitation									T											01	T			T
Cloudiness and other conditions													Cloudy											

Sunrise: Time, 4:24 Character, Cloudy

Moonrise:

Sunset: Time, 6:51 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	0					
Wind direction	N	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	3	6	5	5	5	6	6	8	8	9	8	8	8	8	8	8	8	8	7	9	9	8	8
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	52	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 04 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0.1 Possible sunshine, hours, 14.4

Per cent of possible sunshine, 1

Prevailing wind direction, W Total wind, 169

Average hourly velocity, 7.0 Extreme velocity, 11

Maximum velocity, 11 Direction, SW

Time began, 1:56 p.m.

Reduced barometer, 29.78 7 a. m. 29.71 7 p. m.

River gage, 1.2 feet

Relative humidity, 88 7 a. m. 81 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

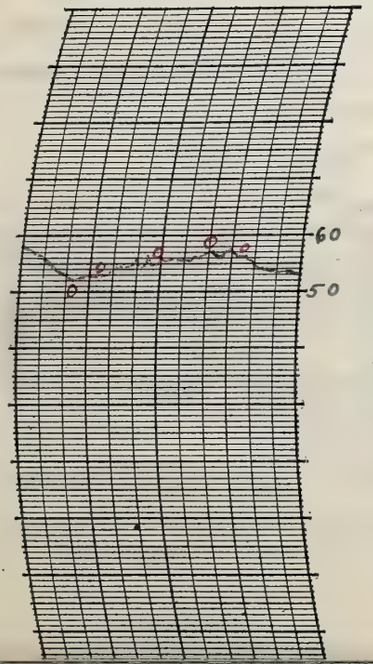
Dry temperature, 55.9 Wet temperature, 51.0

Dew-point, 47 R. humidity, 72 V. pressure, .322

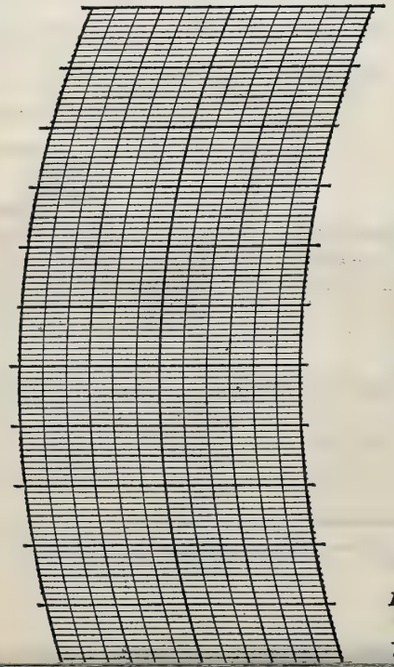
Clouds: Amount, 10; Kind, stratus Direction, SW

Velocity of clouds (miles per hour)

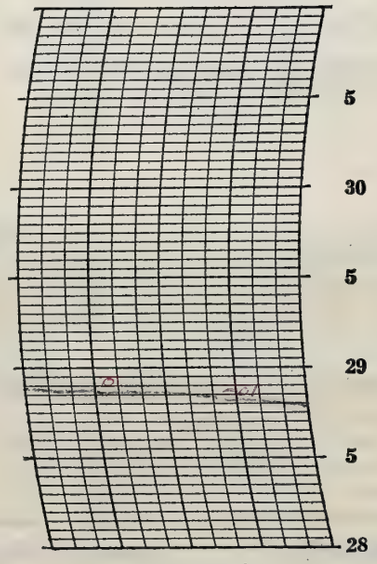
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.

Verified by E.G.H.

NOTES

a cloudy, cool, day; threatening. Mostly low clouds and good visibility, a fair day for flying.

U. S. GOVERNMENT PRINTING OFFICE: 1922

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 15 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	51	51	50	50	50	50	51	50	51	54
State of weather: Nature of precipitation and time of beginning and ending	R cont.			RE DN2			RB 6:30	RE 7:10		RB 9:40 RE 9:55		
Amounts of precipitation	.08	.05	.01	.01			.01	T		T		
Cloudiness and other conditions	← Cloudy →											
Sunrise: Time, Character	4:23 Cloudy											
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.1	0.5
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	6	7	6	8	10	9	10	9	8	9	9	9
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	54	56	55	54	54	54	53	53	53	52	52
State of weather: Nature of precipitation and time of beginning and ending									RB 8:20 RE 8:30			
Amounts of precipitation									T			
Cloudiness and other conditions												
Sunset: Time, Character									6:52 Cloudy			
Moonset:												
Sunshine (in tenths of hours)	0.2	0.1	0.2	0	0	0	0					
Wind direction	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	11	9	9	10	7	5	4	3	5	5	7

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	50	53	

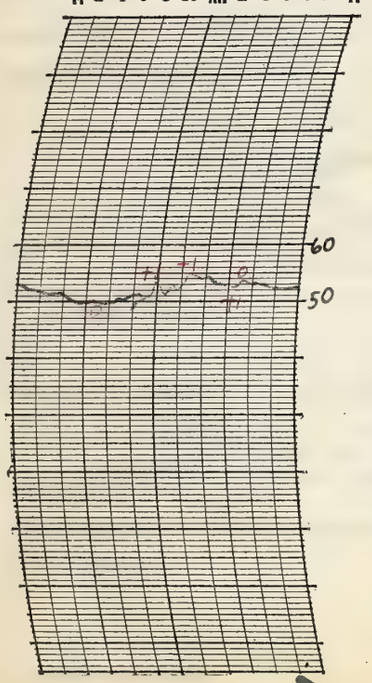
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .12 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 4.1 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 8
Prevailing wind direction, W Total wind, 186
Average hourly velocity, 7.8 Extreme velocity, 18
Maximum velocity, 16 Direction, W
Time began, 1:38 p.m.
Reduced barometer, 29.70 7 a. m. 29.74 7 p. m.
River gage, 1.2 feet
Relative humidity, 90 7 a. m. 82 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

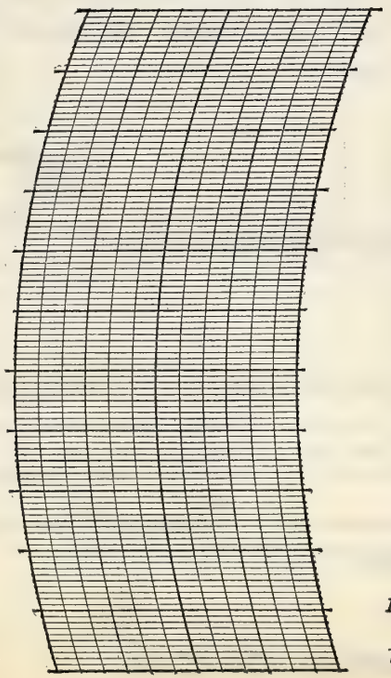
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 53.8 Wet temperature, 49.6
Dew-point, 46 R. humidity, 74 V. pressure, 310
Clouds: Amount, 10; Kind, strat; Direction, W
Velocity of clouds (miles per hour)

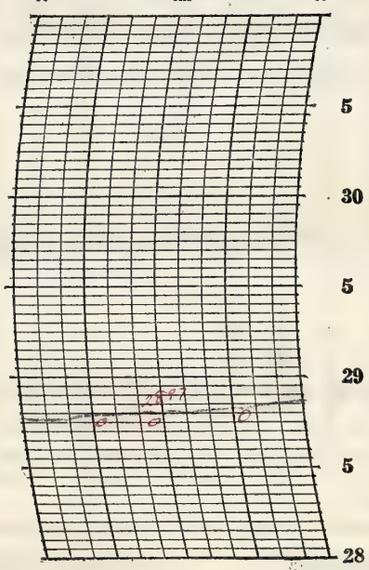
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EL

Verified by E&H.

8—486

NOTES

a cloudy cool day a few light sprinkles. Fair flying conditions and several planes passed over the city during the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) MAY 16 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	53	52	52	53	55	58	60	61	62	63	63	63	64	66	65	63	62	61	60	60	58	58
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cldy			Clear		Pt Cldy					Cloudy									→
Sunshine (in tenths of hours)					0.63 0	1.0 0	1.0 0	1.0 0	Ø 0.3 0.7	1.0	1.0	1.0	1.0	0.3	0.7	1.0	0.9	0.4	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	7	8	6	9	9	8	10	10	13	12	10	10	10	10	10	10	8	7	7	8	5	5	6

Sunrise: Time, 4:22 Character, Clear
Moonrise:
Sunset: Time, 6:52 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

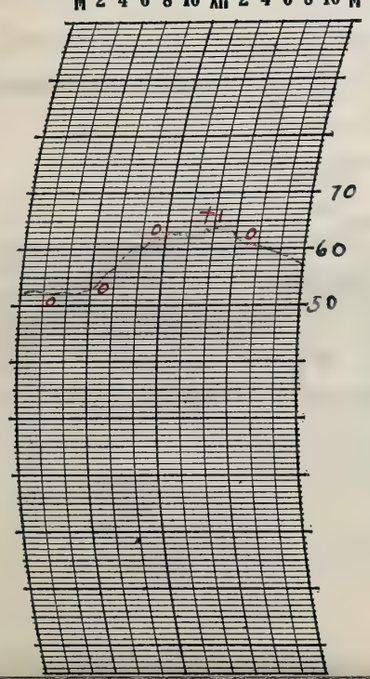
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	52	59	

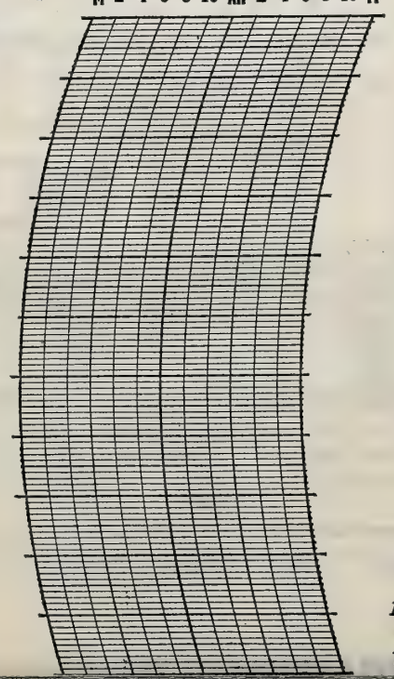
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 11.9 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 82
Prevailing wind direction, S W Total wind, 204
Average hourly velocity, 8.5 Extreme velocity, 19
Maximum velocity, 17 Direction, SW
Time began, 9:24 am.
Reduced barometer, 29.84 7 a. m. 29.89 7 p. m.
River gage, 1.0 feet
Relative humidity, 80 7 a. m. 51 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 63.3 Wet temperature, 52.8
Dew-point, 43 R. humidity, 48 V. pressure, .277
Clouds: Amount, 8; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

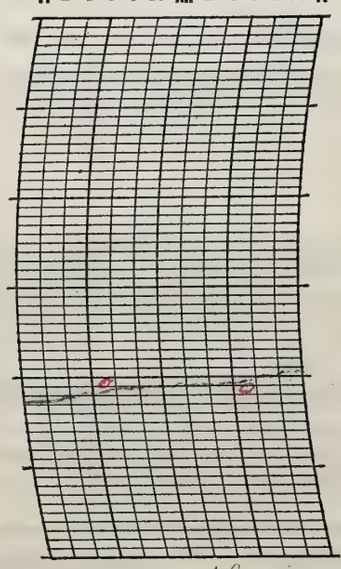
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

NOTES

Mostly clear in early morning followed by increasing cloudiness. The afternoon was mostly cloudy — moderate temperatures. Partly cloudy to clear at night.
Ø Shadow cast by Lincoln Tower

U. S. GOVERNMENT PRINTING OFFICE: 1928

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) MAY 17 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	52	50	48	48	49	50	52	53	54	56
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear				↑ Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0.7	1.0	1.0	1.0
Wind direction	SW	SW	W	W	NW	NW	NW	NW	NW	N	N	N
Wind movement	6	5	7	6	8	7	8	7	7	8	9	7

Sunrise: Time, 4:21 Character, Clear. Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	54	54	53	53	53	50	49	49	48	48
State of weather: Nature of precipitation and time of beginning and ending						RB 5:20						R cont
Amounts of precipitation						T	T	.02	.01	.01	.01	T
Cloudiness and other conditions			Cloudy									
Sunshine (in tenths of hours)	0.8	0	0	0	0	0	0					
Wind direction	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	6	7	8	9	8	5	6	7	4	3	4

Sunset: Time, 6:53 Character, Cloudy. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

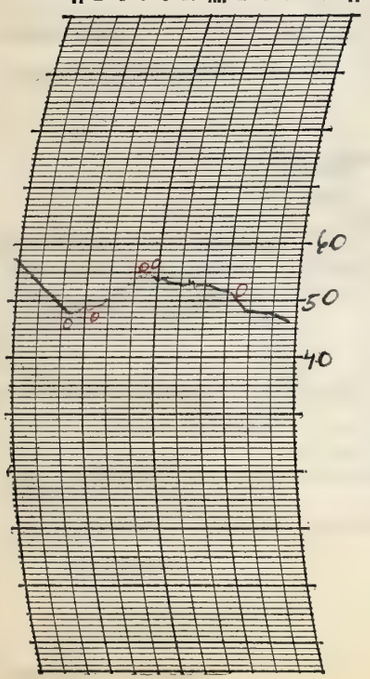
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	48	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 0.5 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 8.4 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 58
Prevailing wind direction, NE Total wind, 159
Average hourly velocity, 6.6 Extreme velocity, 11
Maximum velocity, 11 Direction, N
Time began, 10:20 am.
Reduced barometer, 30.08 7 a. m., 30.06 7 p. m.
River gage, 0.8 feet
Relative humidity, 61 7 a. m. 59 7 p. m.

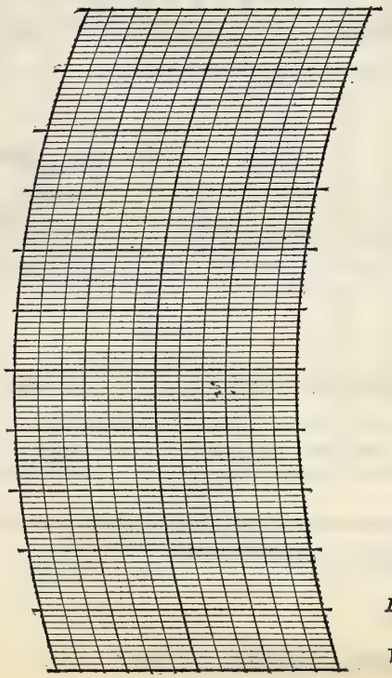
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 55.8 Wet temperature, 46.3
Dew-point, 36 R. humidity, 48 V. pressure, .211
Clouds: Amount, 10; Kind, strat. Direction, W
Velocity of clouds (miles per hour)

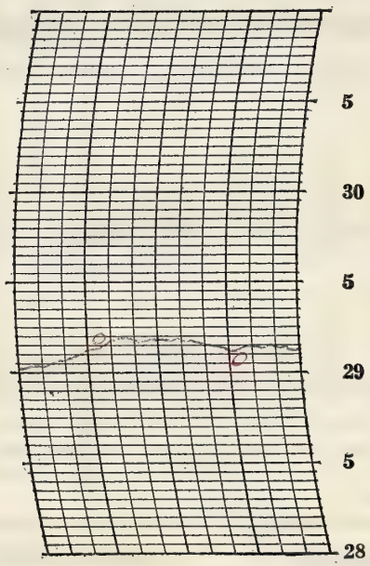
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]

Verified by [signature]

8—486

NOTES

a partly cloudy morning followed by cloudy at midday and in the afternoon. Light Rain began at 5:20 pm and continued into the night. A cool day. Ceilings mostly high and visibility good. Conditions favorable for flying. A 22° solar halo was observed. ⊕ Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 18 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	46	45	46	46	44	44	45	45	45	46
State of weather: Nature of precipitation and time of beginning and ending	R Cont											
Amounts of precipitation	.04	.03	.01	.07	T	.03	.10	.12	T	.02	T	.02
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 7:20 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	NE	NE	E	E	E	E	E	E	E	NE	NE
Wind movement	6	8	6	7	9	8	6	9	7	6	6	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	47	48	48	48	48	49	48	48	47	48	48
State of weather: Nature of precipitation and time of beginning and ending		RE 1.15										
Amounts of precipitation	.01	.01										
Cloudiness and other conditions	Cloudy											
Sunset: Time, 6:54 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	10	8	7	7	8	8	6	7	7	5	6

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

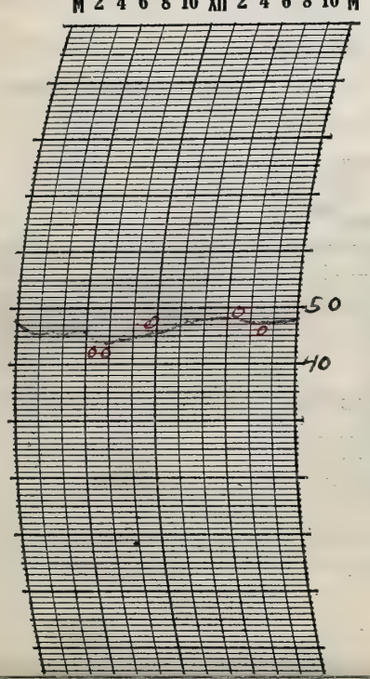
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
49	44	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .31 ins.; to 7 p. m., .20 ins.
Total precipitation, midnight to midnight, .46 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 172
Average hourly velocity, 7.2 Extreme velocity, 16
Maximum velocity, 16 Direction, NE
Time began, 1:11 Pm.
Reduced barometer, 30.04 7 a. m., 29.97 7 p. m.
River gage, 1.4 feet
Relative humidity, 100 7 a. m. 92 7 p. m.

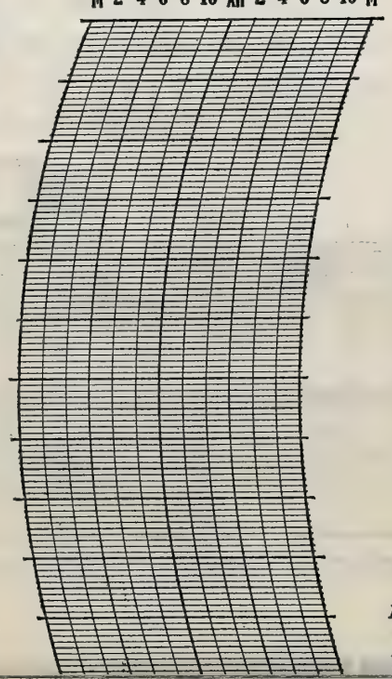
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.0 Wet temperature, 45.9
Dew-point, 46 R. humidity, 99 V. pressure, .310
Clouds: Amount, 10; Kind, st; Direction, E
Velocity of clouds (miles per hour) —

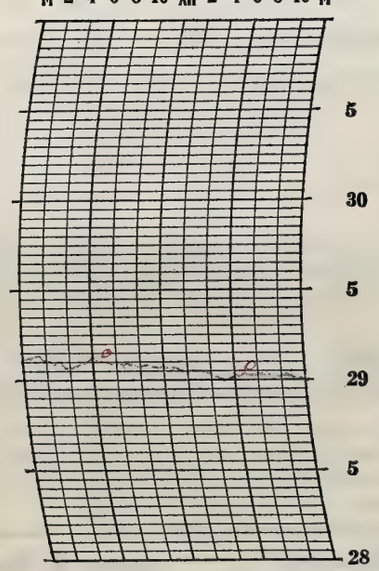
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.J.H

NOTES

A cloudy day with showers at intervals and at night. Cold, generally low ceilings, conditions not favorable for flying.

U. S. GOVERNMENT PRINTING OFFICE: 1928

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 19 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	48	49	49	49	49	50	50	50	50	53	57
Nature of precipitation and time of beginning and ending		RB DN2	RE DN2		RB 4.15	RE 5:30	RB 6:30			RE 9.15		RB 11:15 RE 11:20
Amounts of precipitation		.04	.05		.04	.11	T	T	.02	.01		T
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	NE	NE	NE	E	E	E	NE	NE	N	NW	N	N
Wind movement	6	5	4	5	3	4	7	6	6	9	8	4

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	59	59	60	58	56	54	51	49	47	45	45
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Partly		X		Cloudy							→
Sunshine (in tenths of hours)	1.0	1.0	0.3	0.7	0.1	0	0					
Wind direction	NW	NW	W	W	W	W	W	W	W	W	NW	W
Wind movement	5	13	11	11	9	10	10	9	9	8	6	4

Sunrise: Time, 4:19 Character, Cloudy
Moonrise:
Sunset: Time, 6:55 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

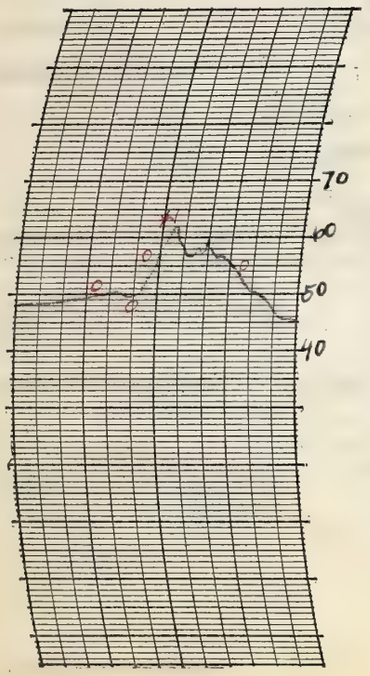
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	45	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .24 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .27 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.2 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 22
Prevailing wind direction, N Total wind, 172
Average hourly velocity, 7.2 Extreme velocity, 16
Maximum velocity, 16 Direction, NW
Time began, 1:29 p.m.
Reduced barometer, 29.85 7 a. m. 30.04 7 p. m.
River gage, 1.4 feet
Relative humidity, 98 7 a. m. 83 7 p. m.

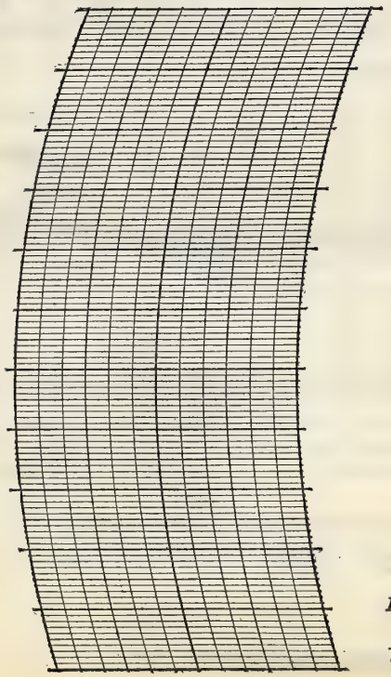
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.2 Wet temperature, 54.2
Dew-point, 52 R. humidity, 83 V. pressure, 28.7
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

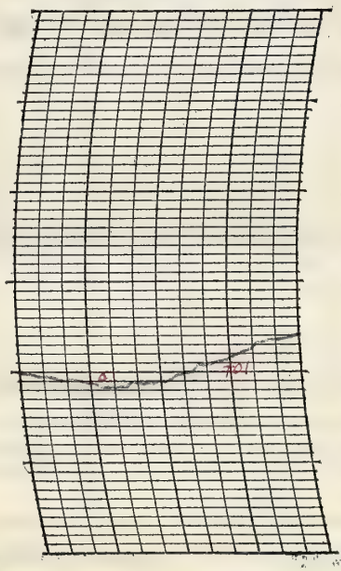
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EV
Verified by E.J.H.

8—486

NOTES

Rain during the night a.m. Light fog 6:05 a.m. to 9:10 a.m. During that time the ceiling was low, at times not over 200 feet and visibility about ¼ mile. By 10:00 a.m. the ceiling was 600 feet and visibility 2 miles.

Light fog B. 6:05 a.m. – E. 9:10 a.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 20 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	44	43	43	46	49	56	59	61	62	64	65	67	68	67	67	66	65	62	61	60	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt Cldy	Cldy	Cldy Pt	Clear	Pt Cldy	Cldy	Cldy	Pt Cldy	Cldy	Clear	Pt Cldy	Clear	Pt Cldy	Clear	Pt Cldy		Clear			
Sunshine (in tenths of hours)					0	0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0					
Wind direction	W	W	W	W	W	W	SW	SW	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	2	2	2	4	3	5	5	7	8	9	8	8	10	10	10	9	9	9	6	6	5	7	7

Sunrise: Time, 4:18 Character, Clear

Moonrise:

Sunset: Time, 6:56 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	43	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 13.5 Possible sunshine, hours, 14.6

Per cent of possible sunshine, 92

Prevailing wind direction, SW Total wind, 154

Average hourly velocity, 6.4 Extreme velocity, 14

Maximum velocity, 13 Direction, SW

Time began, 2:28 p.m.

Reduced barometer, 30.24 7 a. m. 30.18 7 p. m.

River gage, 1.4 feet

Relative humidity, 87 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

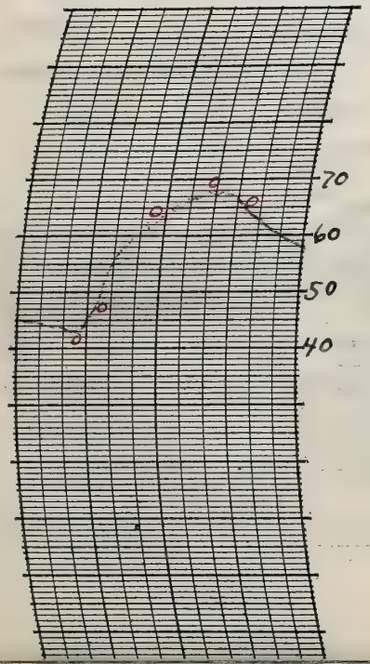
Dry temperature, 64.0 Wet temperature, 55.2

Dew-point, 48 R. humidity, 57 V. pressure, .334

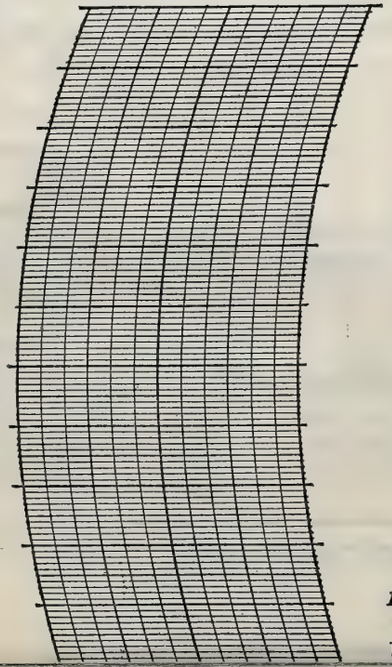
Clouds: Amount, 5; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

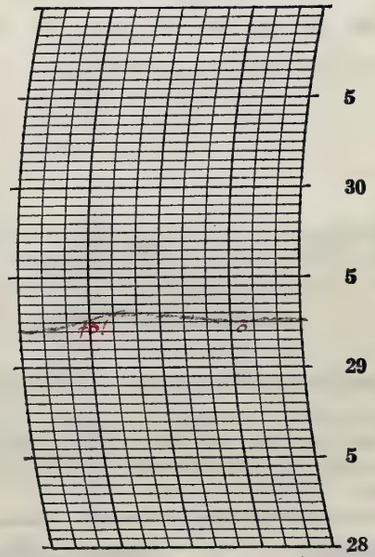
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

A very heavy dew occurred about 4:00 am. until about 7:00 am. No frost was reported. A mostly partly cloudy day with sunshine through broken lower clouds most of the day. Good flying conditions.

Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 21 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	56	55	55	54	58	59	64	69	72	74	76	76	77	78	78	78	76	75	71	68	67	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear					×	Pt	Cldy		×		Clear	×	Pt	Cldy				→
Sunrise: Time, Character,	4:18 Clear																							
Moonrise:																								
Sunset: Time, Character,																					6:57 Cldy			
Moonset:																								
Sunshine (in tenths of hours)					0.70 / 0	1.0 / 0	1.0 / 0	1.0 / 0	∅ 0.4 / 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 / 0.8	0.8 / 0	0				
Wind direction	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	8	5	5	7	8	9	11	12	13	11	12	12	14	14	15	15	13	13	7	10	10	10	10	11
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

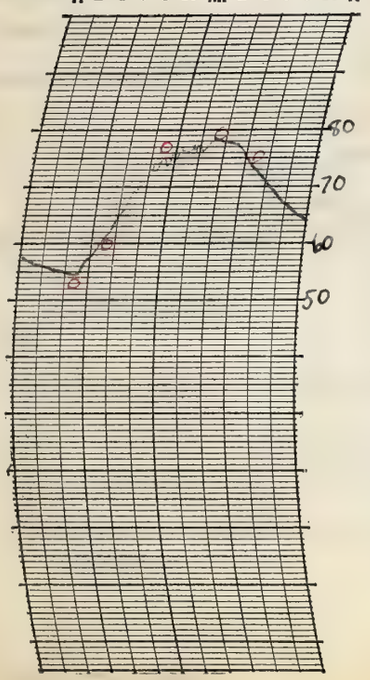
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.5 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 99
Prevailing wind direction, SW Total wind, 255
Average hourly velocity, 10.6 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 3:40 p.m.
Reduced barometer, 30.16 7 a. m., 30.04 7 p. m.
River gage, 2.0 fee
Relative humidity, 81 7 a. m., 56 7 p. m.

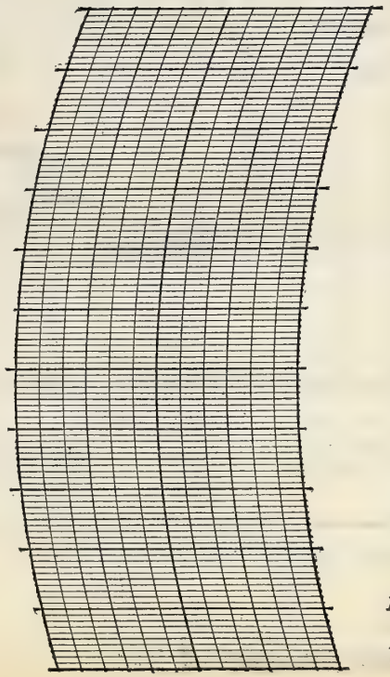
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.6 Wet temperature, 65.0
Dew-point, 59 R. humidity, 57 V. pressure, .499
Clouds: Amount, 4; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

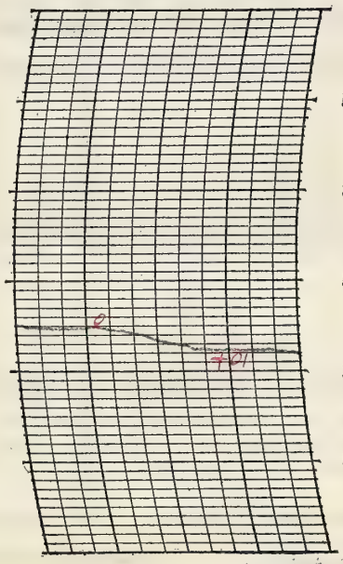
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJF

Verified by EEH.

8—486

NOTES

Sunshine to 6:45 p.m.
A mostly clear to partly cloudy day. Sun shone through broken skies most of the time. Warm, pleasant day. Warm at night. Good flying conditions.
∅ Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 22 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	62	61	62	65	69	73	76	78	80
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Partly Cloudy							
Sunshine (in tenths of hours)					0.72 / 0	1.0 / 0	1.0 / 0	1.0 / 0	0.5 / 0.5	1.0	1.0	1.0
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	7	8	8	7	8	10	11	15	15	15	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	83	83	82	81	80	77	74	71	70	68	66
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Part Cloudy							
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.8 / 0					
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	14	13	12	14	13	11	8	9	7	8	11	9

Sunrise: Time, 4:17 Character, Clear

Moonrise:

Sunset: Time, 6:58 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 14.5 Possible sunshine, hours, 14.7

Per cent of possible sunshine, 99

Prevailing wind direction, S Total wind, 255

Average hourly velocity, 10.6 Extreme velocity, 19

Maximum velocity, 19 Direction, SW

Time began, 8:32 am.

Reduced barometer, 30.06 7 a. m., 29.93 7 p. m.

River gage, 3.1 feet

Relative humidity, 68 7 a. m. 42 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

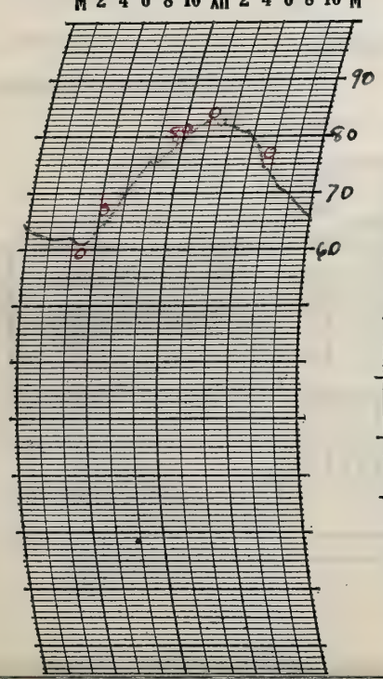
Dry temperature, 80.0 Wet temperature, 62.0

Dew-point, 50 R. humidity, 35 V. pressure, 1.360

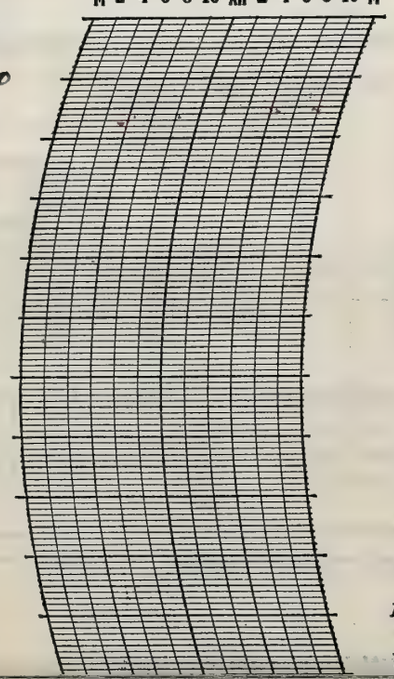
Clouds: Amount, 6; Kind, ci.; Direction, W

Velocity of clouds (miles per hour)

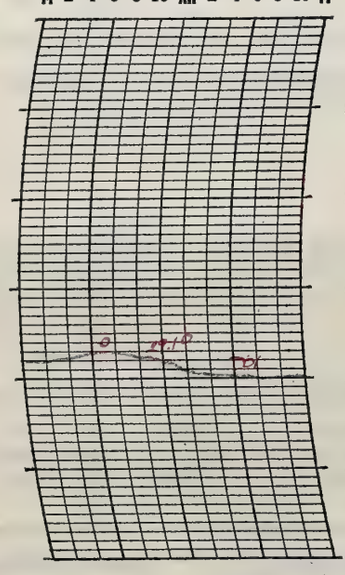
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Sunshine to 6:50 pm.
Shadow cast by Lincoln Tower

U. S. GOVERNMENT PRINTING OFFICE: 1928

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 23 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	63	64	66	68	74	78	80	81	82
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Partly							
Sunshine (in tenths of hours)					0.73 0	1.0 0	1.0 0	1.0 0	0 0.2 0.8	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	10	10	9	9	10	9	12	13	18	18	20	20
Maximum velocities (exceeding 24 miles) direction and time												25 S 11:30

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	66	63	59	53	52	53	52	50	50	49	48
Nature of precipitation and time of beginning and ending		RO 1.24 RE 1.40	RO 2:15	RE 3:05	RB 4:50	RE 5:10						
Amounts of precipitation		.37	.85	T	T	T						
Cloudiness and other conditions					Cloudy →							
Sunshine (in tenths of hours)	1.0	0.4	0.1	0.2	0	0	0.38 0					
Wind direction	S	SW	SW	W	NW	NW	NW	W	W	W	W	W
Wind movement	22	20	14	15	16	15	10	12	14	10	7	5
Maximum velocities (exceeding 24 miles) direction and time	26 S 12:26	28 SW 1:22										

State of weather.

Sunrise: Time, 4:16 Character, Clear

Moonrise:

Sunset: Time, 6:59 Character, Clear

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	48	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.25 ins.

Total precipitation, midnight to midnight, 1.25 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 9.8 Possible sunshine, hours, 14.7

Per cent of possible sunshine, 67

Prevailing wind direction, S Total wind, 318

Average hourly velocity, 13.2 Extreme velocity, 31

Maximum velocity, 25 Direction, SW

Time began, 1:22 p.m.

Reduced barometer, 29.87 7 a. m. 29.96 7 p. m.

River gage, 2.7 feet

Relative humidity, 67 7 a. m. 82 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

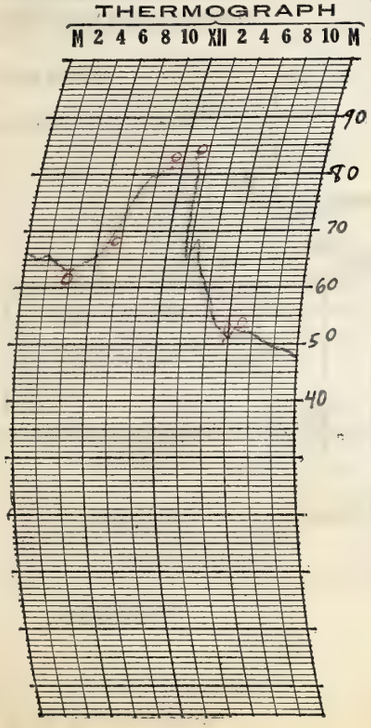
Dry temperature, 81.9 Wet temperature, 66.9

Dew-point, 59 R. humidity, 46 V. pressure, .499

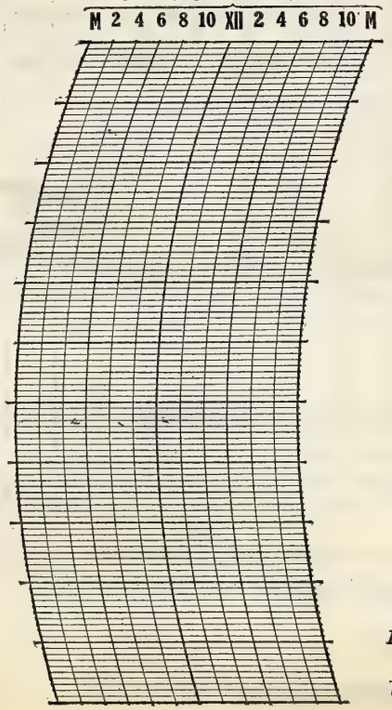
Clouds: Amount, 5; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

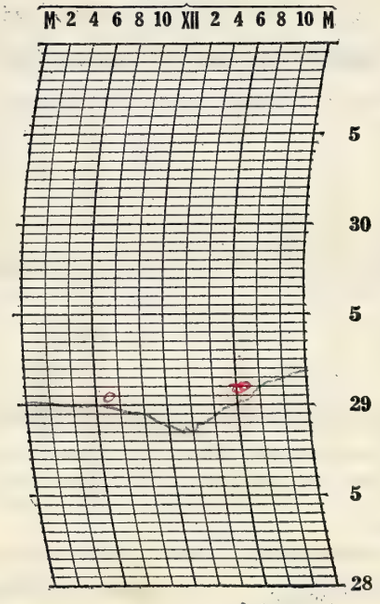
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.L.H.

8—486

NOTES

No rain occurred during the night of May 23-24. Streets dry—partly cloudy from midnight until daylight mostly upper clouds. Many basements were flooded in Lakeside and other sections of the city during the heavy rain in the afternoon—caused by water backing up through basement drains. Some street car lines were blocked in Lakeside by water in the streets for a short period. Many limbs were blown from trees but the only wind damage reported was the new hanger at the City Airport—a portion of the steel deck for the roof was blown off at a loss of about $200.00. Mr. Serge Reed, 65—of Huntertown West and one mile south of Jamesville, Ind. was killed by a bolt of lightning about 2 P.M. Thunder first heard at 1.24 pm and again at 1:30 pm. A 22° solar halo was observed. Sunshine from 6:35 pm to sunset.

Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 24 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	46	46	46	47	49	51	53	55	56	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunrise: Time, 4:15 Character, Clear												
Moonrise:												
Sunshine (in tenths of hours)					0.75 0	1.0 0	1.0 0	1.0 0	Ø 0.5	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	W	W	NW	NW	NW	W	W	W
Wind movement	4	8	7	5	7	6	11	12	13	12	14	15
Maximum velocities (exceeding 24 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	59	59	60	58	58	56	54	52	51	50	49
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Partly →					
Sunrise: Time, Character,												
Moonrise:												
Sunset: Time, 7:00 Character, Clear												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.4	0	0.2 0					
Wind direction	NW	NW	NW	W	NW	NW	NW	NW	N	N	N	N
Wind movement	14	13	14	11	10	8	7	7	5	3	2	1
Maximum velocities (exceeding 24 miles) direction and time												

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	46	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 12.7 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 84

Prevailing wind direction, NW Total wind, 209

Average hourly velocity, 8.7 Extreme velocity, 20

Maximum velocity, 18 Direction, W

Time began, 11:52 a.m.

Reduced barometer, 30.26 7 a. m. 30.33 7 p. m.

River gage, 2.7 feet

Relative humidity, 67 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

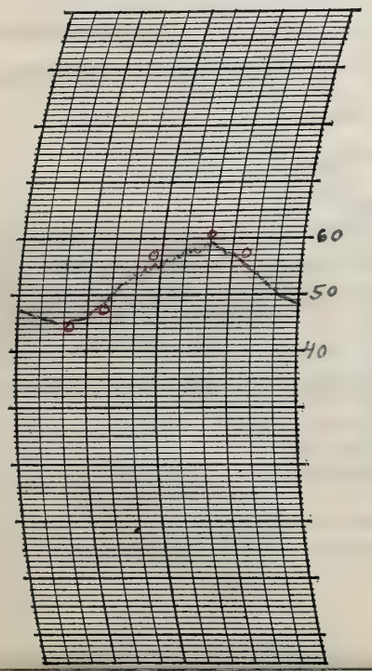
Dry temperature, 56.9 Wet temperature, 48.4

Dew-point, 43 R. humidity, 59 V. pressure, .272

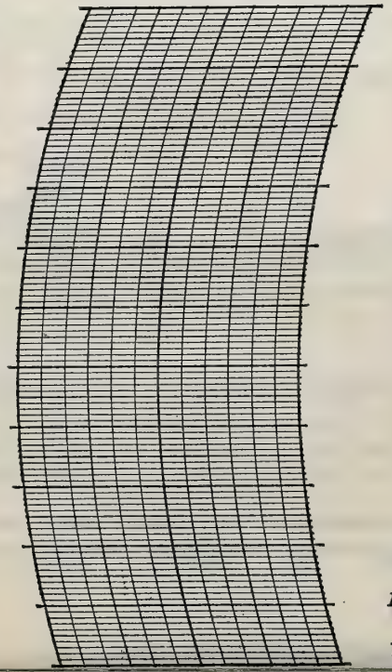
Clouds: Amount, Few; Kind, cu.; Direction, W.

Velocity of clouds (miles per hour)

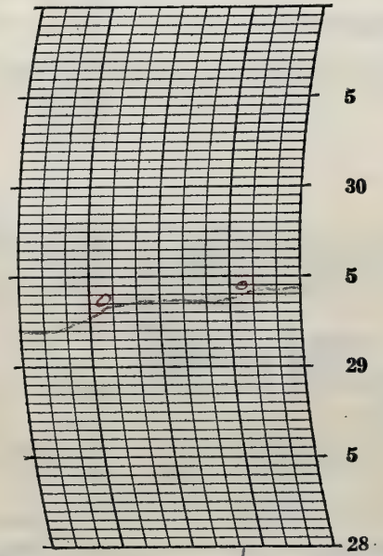
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.L.H.

NOTES

Sunshine from 6:45 p.m. until sunset.
A mostly clear beautiful day, but windy and cool. Good flying conditions.
Shadow cast by Lincoln Tower

U. S. GOVERNMENT PRINTING OFFICE: 1928

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 25 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	44	44	43	44	47	51	53	54	55	58	59	60	60	60	61	60	58	55	54	52	49	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)					0.75 0	1.0 0	1.0 0	1.0 0	Ø 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3 0.7	0				
Wind direction	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NE	NW	N	N
Wind movement	2	2	2	3	1	3	3	6	9	10	9	8	10	9	9	7	8	5	5	4	3	3	5	4

Sunrise: Time, 4:15 Character, Clear

Moonrise:

Sunset: Time, 2:01 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	43	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), Few

Actual sunshine, hours, 13.8 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 93

Prevailing wind direction, NW Total wind, 130

Average hourly velocity, 5.4 Extreme velocity, 13

Maximum velocity, 13 Direction, NW

Time began, 12:26 p.m.

Reduced barometer, 30.44 a. m. 30.37 p. m.

River gage, 2.0 feet

Relative humidity 78 a. m. 45 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

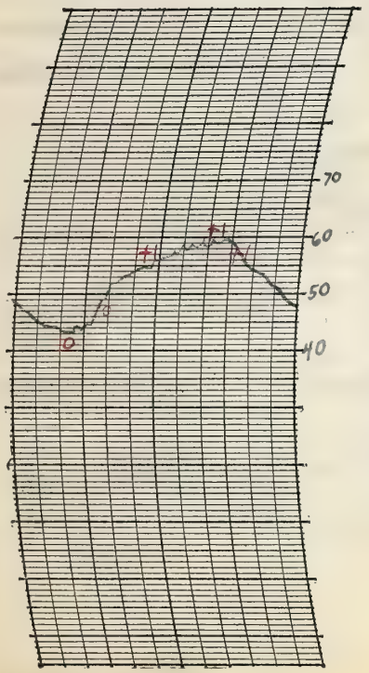
Dry temperature, 58.2 Wet temperature, 48.2

Dew-point, 38 R. humidity, 47 V. pressure, .228

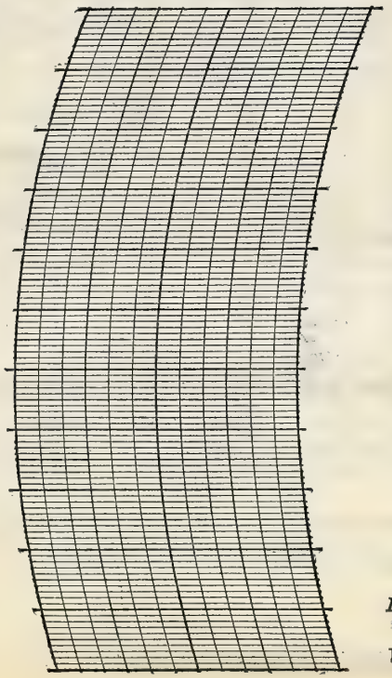
Clouds: Amount, Few; Kind, Cs; Direction, NW

Velocity of clouds (miles per hour)

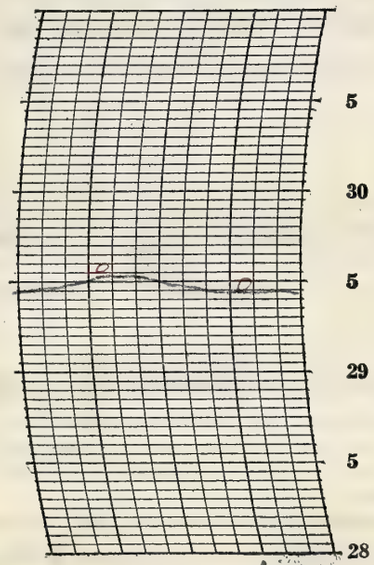
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJH

Verified by EJH.

8—486

NOTES

A very light frost occurred in a few low places, but no damage occurred. A beautiful day, clear, moderate temperature and mostly gentle winds. Clear at night. Good visibility - and flying conditions.

Sunshine to 6:20 pm and then clouds covered the sun.

Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 26 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	46	46	46	47	48	50	52	53	54	58	60	62	64	65	63	62	60	58	56	55	52	51
State of weather: Nature of precipitation and time of beginning and ending									R 8:10A E 8:15A															
Amounts of precipitation									T															
Cloudiness and other conditions					←				Cloudy				→	Partly Cloudy		Clear			→	Partly Cloudy				
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	0	0	0				
Wind direction	N	N	N	N	N	N	N	N	N	NE	NE	NE	NE	N	NE	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	3	3	2	1	2	2	4	2	1	2	3	3	4	4	4	5	5	5	6	4	5	5	7	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:14 Character, Cloudy
Moonrise:
Sunset: Time, 7:02 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

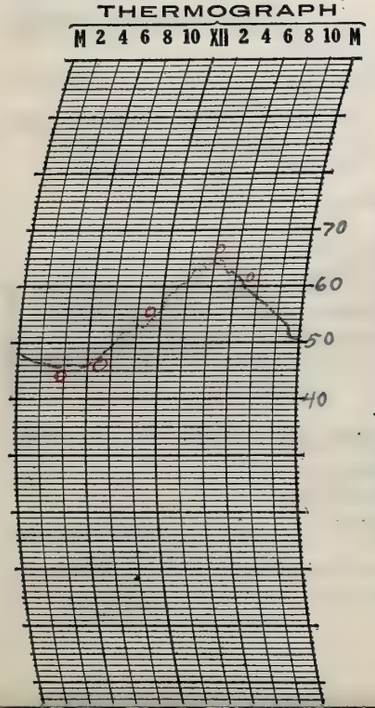
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	46	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 39
Prevailing wind direction, N+NE Total wind, 87
Average hourly velocity, 3.6 Extreme velocity, 10
Maximum velocity, 10 Direction, NE
Time began, 10:46 pm.
Reduced barometer, 30.38 7 a. m. 30.23 7 p. m.
River gage, 1.8 feet
Relative humidity, 76 7 a. m. 61 7 p. m.

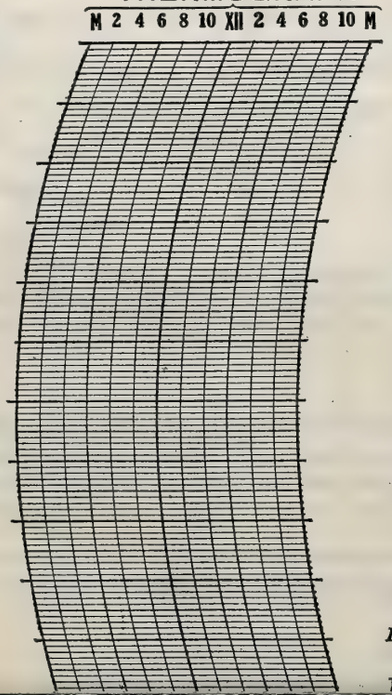
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.6 Wet temperature, 51.1
Dew-point, 46 R. humidity, 64 V. pressure, 31.0
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

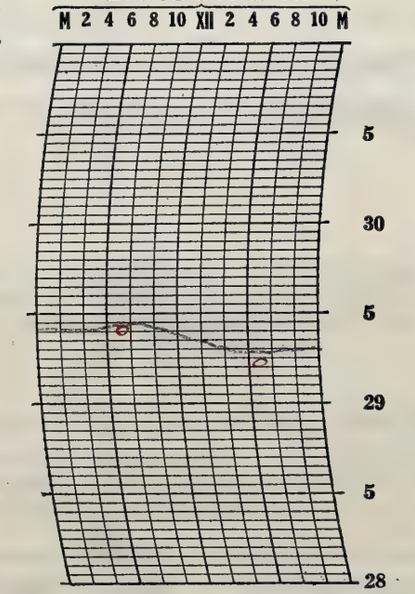
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]
Verified by

NOTES

A cloudy threatening morning with a light sprinkle between eight and nine am. Poor visibility and low ceiling until 10:00 am. The afternoon was mostly clear with sunshine. It became partly cloudy for a time at night, but cleared up and from 10:00 pm on clear skies prevailed.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 27 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	49	49	49	49	50	52	56	61	64	66
Nature of precipitation and time of beginning and ending											RB 10:30 RE 10:35	
Amounts of precipitation											T	
Cloudiness and other conditions					← Cloudy				→ partly		Clear partly	
Sunshine (in tenths of hours)					0	0	0	0	0.7	1.0	0.7	1.0
Wind direction	NE	NE	E	SE	SE	E	E	E	SE	SE	SE	SE
Wind movement	5	4	3	3	3	4	5	4	5	5	6	5

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	62	61	60	60	60	60	60	61	61	61
Nature of precipitation and time of beginning and ending	RB 12:45 RE 12:50	RB 1:30 RE 1:35	RB 2:05			RE 5:30						
Amounts of precipitation	T	T	.06	.06	.05	.02						
Cloudiness and other conditions			← Cloudy				→ partly		Cloudy →			
Sunshine (in tenths of hours)	1.0	0.5	0	0	0	0	0	0				
Wind direction	SE	NE	N	E	E	SE	SE	SE	SE	SE	S	N
Wind movement	4	5	7	4	6	5	6	5	8	8	8	5

State of weather.

Sunrise: Time, 4:13 Character, Cloudy

Moonrise:

Sunset: Time, 7:03 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	49	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .19 ins.

Total precipitation, midnight to midnight, .19 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 4.9 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 33

Prevailing wind direction, SE Total wind, 123

Average hourly velocity, 5.1 Extreme velocity, 11

Maximum velocity, 11 Direction, S

Time began, 10:10 pm.

Reduced barometer, 30.22 7 a. m. 29.95 7 p. m.

River gage, 1.4 feet

Relative humidity, 77 7 a. m. 90 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

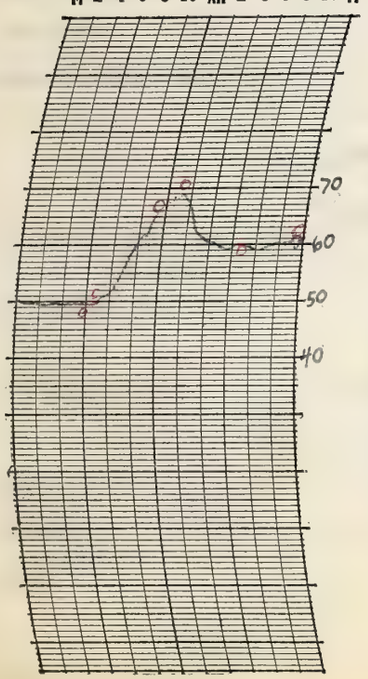
Dry temperature, 65.9 Wet temperature, 56.1

Dew-point, 49 R. humidity, 54 V. pressure, .342

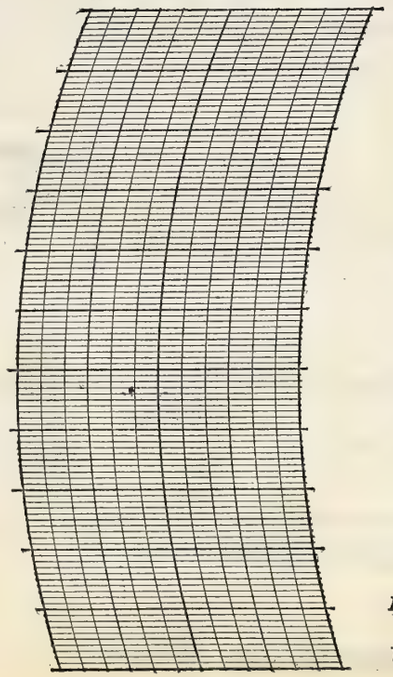
Clouds: Amount, 8; Kind, Cu; Direction, NW

Velocity of clouds (miles per hour)

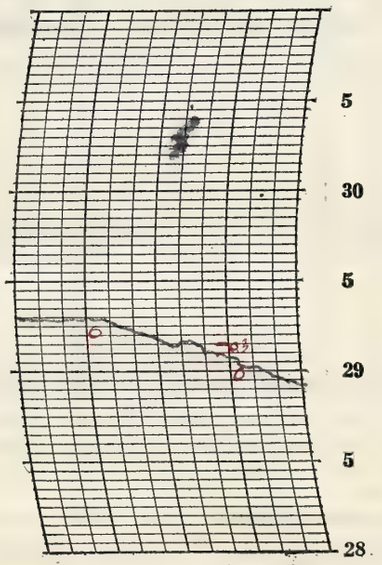
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.H.

Verified by E.H.

8—486

NOTES

The day was cloudy as a rule, but some sunshine in the morning. Visibility was good all day and ceilings quite high. The thunderstorms in the afternoon did not do any damage, they passed north of the station moving from the northwest to the southeast.

Clouds at about 2000 feet moved rapidly from the northwest.

Thunder first heard 2.12 pm and flashes observed to the NW of the city, at 4:30 pm heavy thunder occurred over the city.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 28 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	57	55	55	55	55	54	52	51	50	51	53	53	54	55	56	55	54	54	52	49	47	45	44
State of weather: Nature of precipitation and time of beginning and ending							RB 6:10	RE 7:20																
Amounts of precipitation							T	T																
Cloudiness and other conditions					←							Cloudy								→		Partly		
Sunrise: Time, 4:13 Character, Cloudy																					Sunset: Time, 7:03 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.8	0.6	0.5	0.2	0	0	0	0.2 0	0.05 0				
Wind direction	NE	NE	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NW	NW	NW	NW	NW
Wind movement	5	2	5	11	11	10	11	13	13	11	10	12	11	10	7	9	8	7	6	5	9	8	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

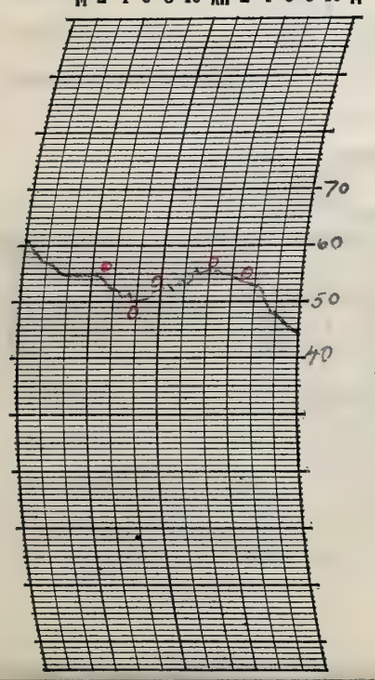
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	44	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.4 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 16
Prevailing wind direction, NW Total wind, 204
Average hourly velocity, 8.5 Extreme velocity, 16
Maximum velocity, 16 Direction, NW
Time began, 8:14 am.
Reduced barometer, 29.93 7 a. m. 30.04 7 p. m.
River gage, 1.4 feet
Relative humidity, 97 7 a. m. 69 7 p. m.

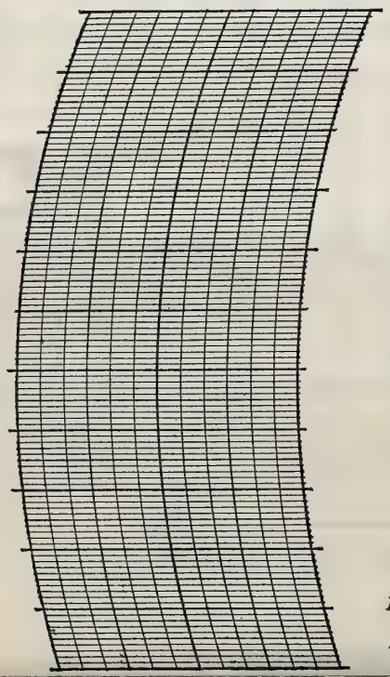
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.8 Wet temperature, 47.8
Dew-point, 43 R. humidity, 70 V. pressure, .277
Clouds: Amount, 10; Kind, strat. Direction, NW
Velocity of clouds (miles per hour)

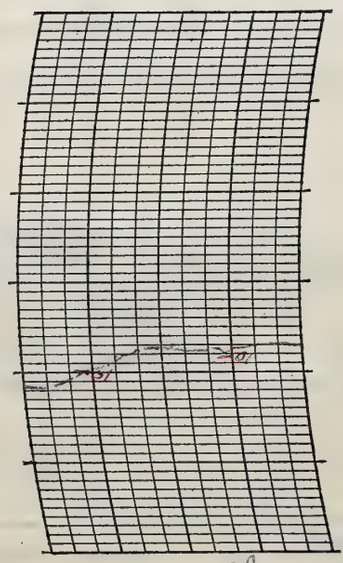
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Sunshine from 6:49 pm to sunset. A light drizzle in the morning made streets somewhat slippery from 6:30 am to 7:30 am. A cloudy day but after 7:30 am visibility good and ceiling 2000 feet or higher. Warning received for a possibility of light frost tonight

U. S. GOVERNMENT PRINTING OFFICE: 1928

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 29 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	41	40	40	41	44	47	48	51	54	55
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			Clear				
Sunshine (in tenths of hours)					0.80 / 0	1.0 / 0	1.0 / 0	1.0 / 0	∅ / 0.5	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	N	N	NW	N	N	N
Wind movement	6	6	5	5	6	6	6	9	9	9	9	10

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	59	59	58	57	57	55	51	50	48	47
Nature of precipitation and time of beginning and ending									RB 8:10 RE 8:40			
Amounts of precipitation									T			
Cloudiness and other conditions					X	Pt Cldy	X		Cldy			→
Sunshine (in tenths of hours)	1.0	0.9	1.0	1.0	0.4	0	0	0				
Wind direction	N	N	NW	NW	N	N	N	N	N	N	N	N
Wind movement	9	9	8	9	6	4	4	6	9	6	6	9

Sunrise: Time, 4:12 Character, Clear

Moonrise:

Sunset: Time, 7:04 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	40	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 12.1 Possible sunshine, hours, 14.9

Per cent of possible sunshine, 81

Prevailing wind direction, N Total wind, 171

Average hourly velocity, 7.1 Extreme velocity, 12

Maximum velocity, 12 Direction, NW

Time began, 7:31 a.m.

Reduced barometer, 30.05 7 a. m. 29.99 7 p. m.

River gage, 1.2 fall

Relative humidity, 71 7 a. m. 39 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

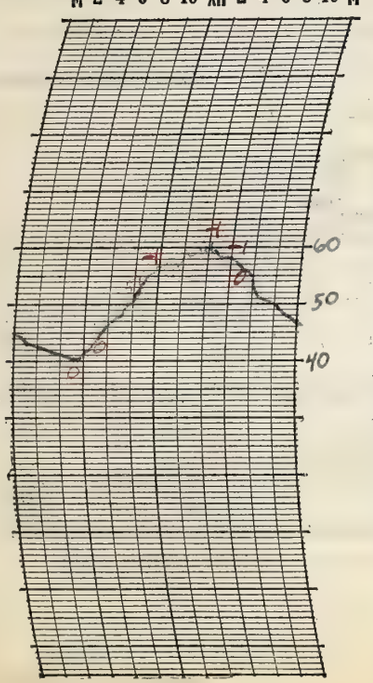
Dry temperature, 54.8 Wet temperature, 44.0

Dew-point, 31 R. humidity, 40 V. pressure, .172

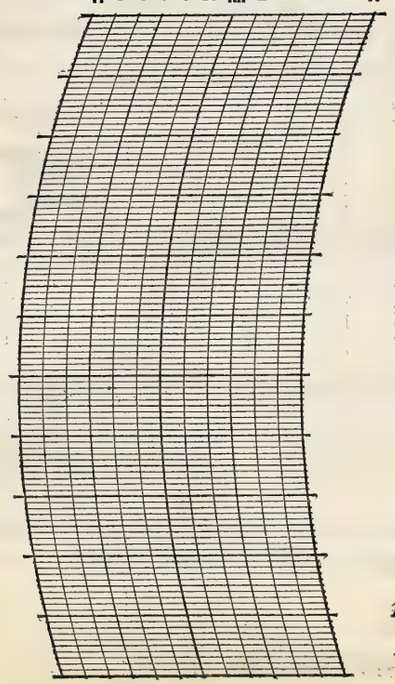
Clouds: Amount, 1; Kind, cu; Direction, N

Velocity of clouds (miles per hour)

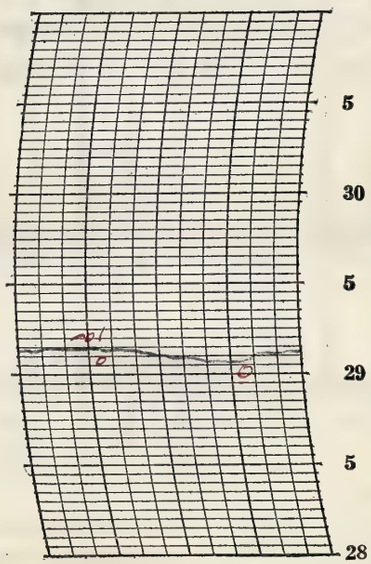
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.F.H.

8—486

NOTES

A light frost occurred in the city in the early morning, the frost was quite heavy in the country.

Warning received for light frost tonight.

Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 30 1930, 193

Time (local standard 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	43	42	41	42	44	45	47	50	52	54	55	57	59	60	59	59	59	55	53	51	49	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear					Windy				Partly				Clear					→
Sunshine (in tenths of hours)					0.80 0	1.0 0	1.0 0	1.0 0	Ø 0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	0.08 0				
Wind direction	N	N	N	N	N	N	N	N	N	N	NW	N	N	N	N	N	N	N	N	NW	NW	W	W	W
Wind movement	7	6	5	6	5	7	8	9	10	11	11	10	10	10	10	11	11	8	4	5	5	6	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:12 Character, Clear
Moonrise:
Sunset: Time, 7:05 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

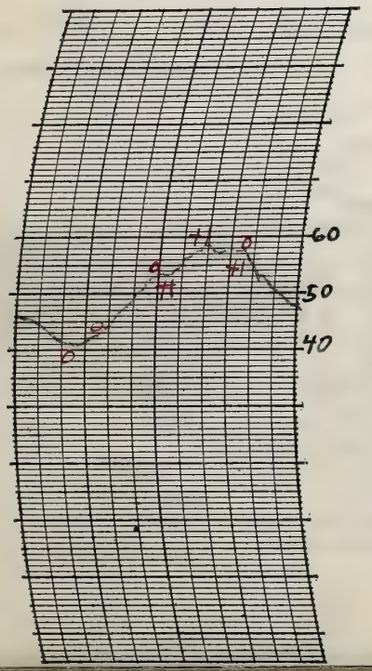
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	41	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.9 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind, 185
Average hourly velocity, 7.7 Extreme velocity, 14
Maximum velocity, 14 Direction, NW
Time began, 11:21 a.m.
Reduced barometer, 30.12 7 a. m. 30.12 7 p. m.
River gage, 1.0 feet
Relative humidity, 74 7 a. m. 43 7 p. m.

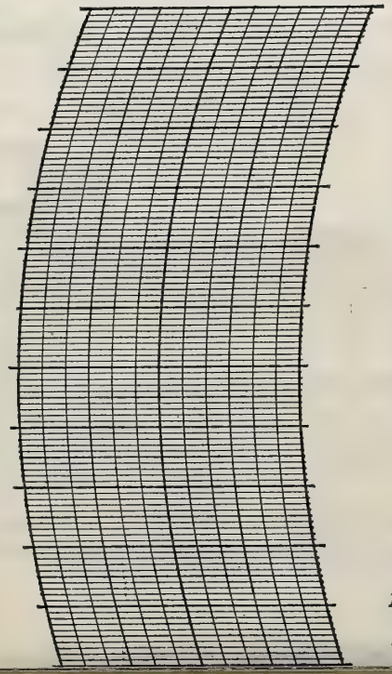
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 54.0 Wet temperature, 46.0
Dew-point, 38 R. humidity, 54 V. pressure, .228
Clouds: Amount, 8; Kind, stcu Direction, N
Velocity of clouds (miles per hour)

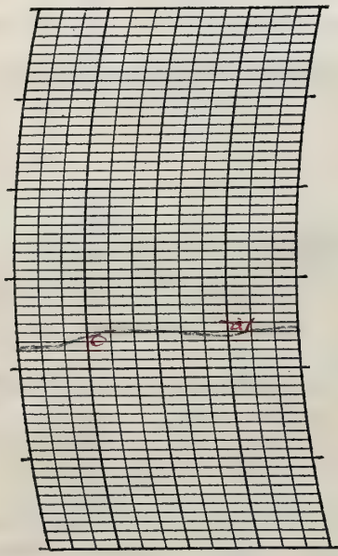
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by JL

Verified by

NOTES

Warning received for probably light frost tonight.
Clear in the morning and late afternoon, but partly cloudy during the middle of the day. Cool and quite windy. Good visibility and flying conditions.
A light frost occurred this morning.
P. Shadow cast by Lincoln Tower

U. S. GOVERNMENT PRINTING OFFICE: 1928

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) MAY 31 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	46	45	46	47	50	55	57	61	63	64	66	67	69	70	70	69	68	64	62	61	59	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear				— Prtly			x	x Prtly				— Clear						→
Sunshine (in tenths of hours)					0.8 0	1.0 0	1.0 0	1.0 0	Ø 0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	0.10 0.1				
Wind direction	W	W	W	NW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	SW	S	S	S
Wind movement	4	5	4	1	4	4	2	4	5	6	6	11	8	8	8	8	7	6	2	1	3	4	4	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:11 Character, Clear

Moonrise:

Sunset: Time, 7:06 Character, Clear

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	45	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 14.9 Possible sunshine, hours, 14.9

Per cent of possible sunshine, 100

Prevailing wind direction, W & NW Total wind, 122

Average hourly velocity, 5.1 Extreme velocity, 13

Maximum velocity, 13 Direction, NW

Time began, 11:25 2m

Reduced barometer, 30.22 7 a. m. 30.14 7 p. m.

River gage, 1.0 fall

Relative humidity, 59 7 a. m. 28 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

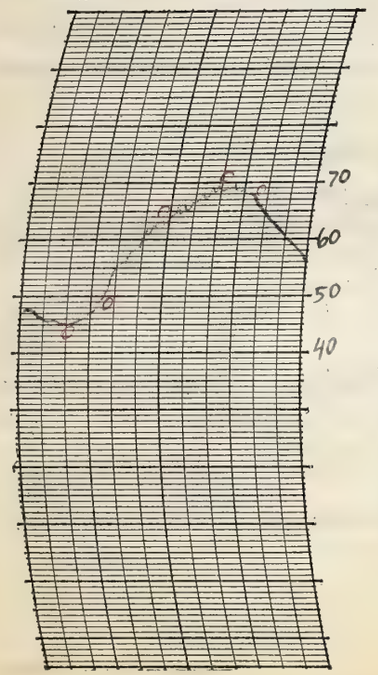
Dry temperature, 64.1 Wet temperature, 59.1

Dew-point, 33 R. humidity, 31 V. pressure, 18.7

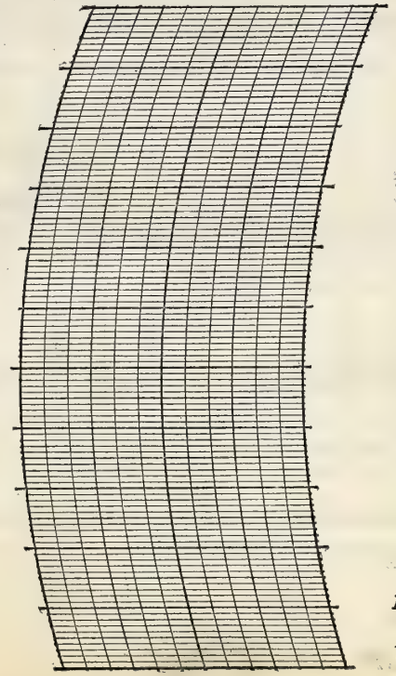
Clouds: Amount, 8; Kind, cist.; Direction, N

Velocity of clouds (miles per hour)

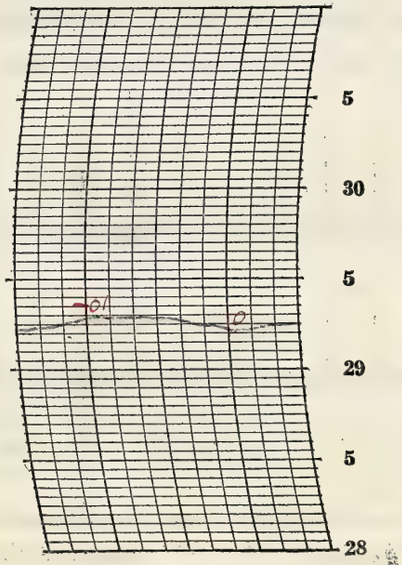
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

A 22° solar halo was observed.
Clear to partly cloudy day, mild and pleasant. Good visibility and flying conditions.
Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 1 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	52	52	51	57	63	68	71	73	75	76	77	78	80	78	77	75	70	68	65	64	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←								Clear											→
Sunshine (in tenths of hours)					0.82 / 0	1.0 / 0	1.0 / 0	1.0 / 0	Ø / 0.6 / 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 / 0	0.12 / 0				
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	7	9	9	7	7	6	8	7	10	13	11	10	11	14	13	12	12	11	7	8	9	7	6	9
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:11 Character, Clear
Moonrise:
Sunset: Time, 7:07 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

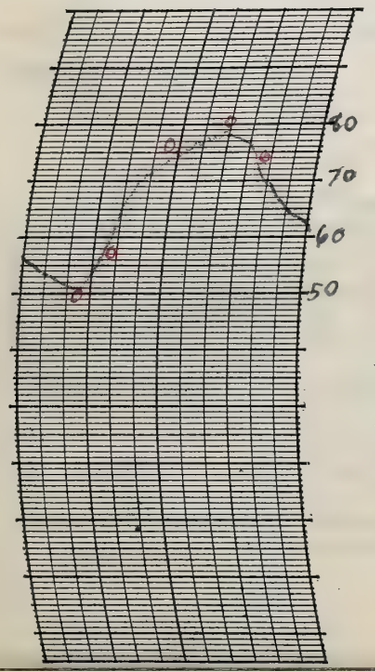
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	51	66	

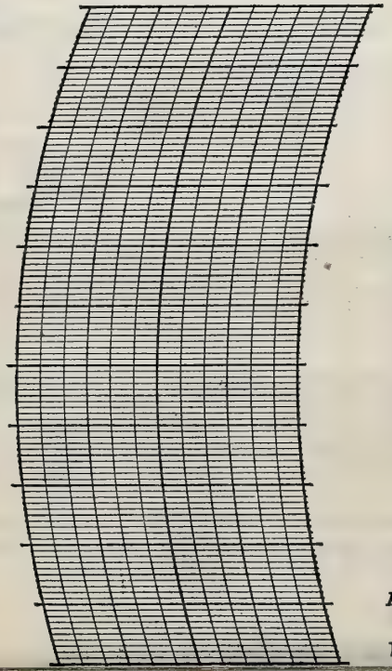
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 14.9 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 223
Average hourly velocity, 9.3 Extreme velocity, 18
Maximum velocity, 17 Direction, SW
Time began, 2:51 p.m.
Reduced barometer, 30.24 a. m. 30.14 p. m.
River gage, 1.0 feet
Relative humidity, 58 a. m. 34 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 74.9 Wet temperature, 56.0
Dew-point, 40 R. humidity, 28 V. pressure, .247
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

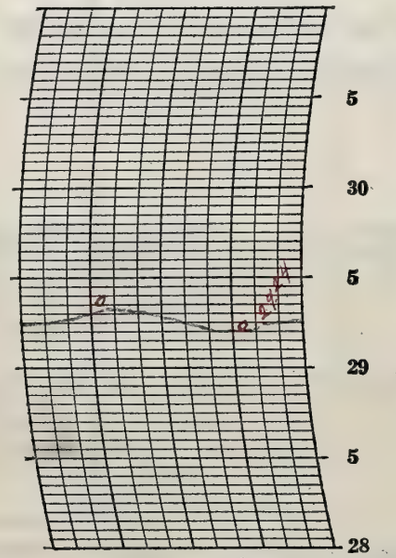
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by L.L.H.

NOTES

A clear, warm, beautiful day. Shadow cast by the Lincoln Tower affects the sunshine recorder in the early morning.

U. S. GOVERNMENT PRINTING OFFICE: 1928

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind (Day of week) Monday, (Date) JUN 2 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	58	57	57	59	63	69	74	77	78	80	82	83	85	85	84	83	80	75	74	73	69	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)					0.83 / 0	1.0 / 0	1.0 / 0	1.0 / 0	0 / 0.7 / 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 / 0.8	1.0 / 0	0.12 / 0				
Wind direction	S	S	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	S	S	S	S	S	S
Wind movement	8	9	10	8	9	8	8	12	9	11	12	10	12	14	12	13	13	9	7	7	8	8	6	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:10 Character, Clear

Moonrise:

Sunset: Time, 7:07 Character, Clear

Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	57	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m. 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 230

Average hourly velocity, 8.6 Extreme velocity, 18

Maximum velocity, 17 Direction, S

Time began, 3:50 p.m.

Reduced barometer, 30.24 7 a. m. 30.19 7 p. m.

River gage, 1.0 feet

Relative humidity, 53 7 a. m. 32 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

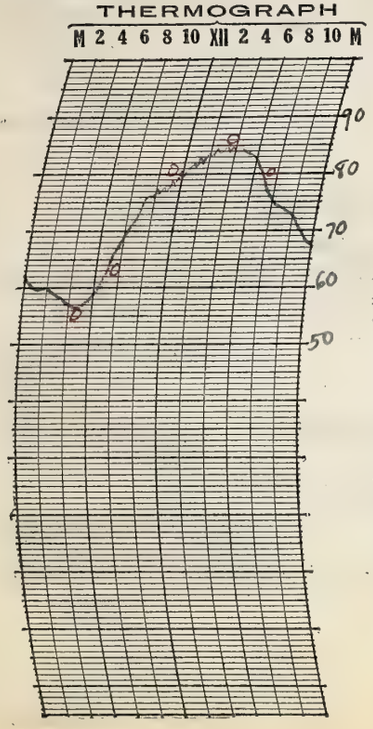
Dry temperature, 79.8 Wet temperature, 60.2

Dew-point, 46 R. humidity, 30 V. pressure, .310

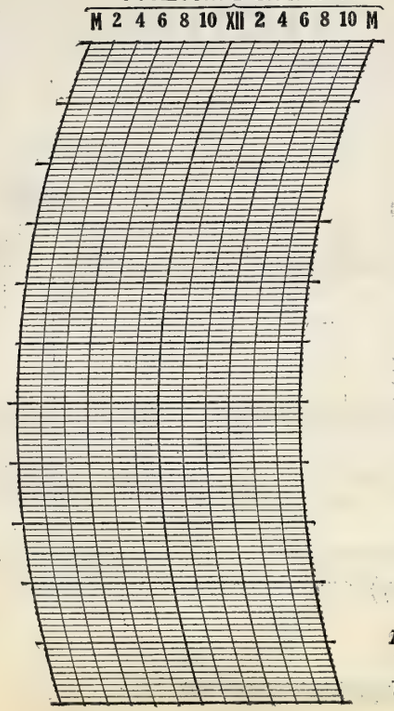
Clouds: Amount, 3; Kind, Cist; Direction, SW

Velocity of clouds (miles per hour)

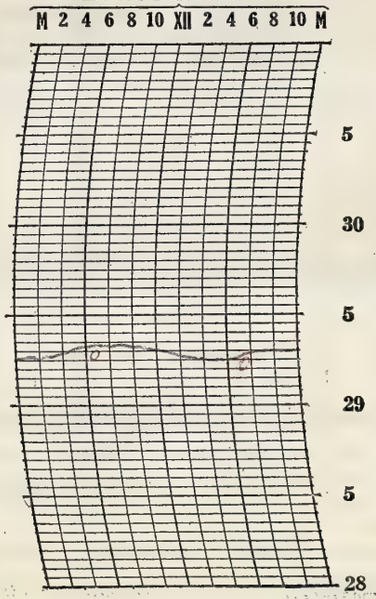
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

8—486

NOTES

a clear beautiful day, with sun shining thru upper clouds in the afternoon. Mostly clear at night.
Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 3 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	63	62	62	63	67	73	78	81	82	83
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear						×PCldy	×
Sunshine (in tenths of hours)					0.83 / 0	1.0 / 0	1.0 / 0	1.0 / 0	Ø 0.7 / 0.3	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW
Wind movement	8	8	7	7	6	8	8	7	8	13	16	15

Sunrise: Time, 4:10 Character, Clear

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	85	86	86	86	84	83	81	77	76	74	73	70
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							×Clear	×PCldy	×	Clear		
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0.3	0.5 / 0.4	0.8 / 0	0				
Wind direction	SW	SW	SW	SW	SW	S	S	SW	S	S	S	S
Wind movement	13	13	14	13	11	9	7	5	8	6	10	7

Sunset: Time, 7:08 Character, Cloudy

Moonset:

State of weather.

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	62	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 13.7 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 91

Prevailing wind direction, S Total wind, 227

Average hourly velocity, 9.5 Extreme velocity, 19

Maximum velocity, 18 Direction, SW

Time began, 10:46 am.

Reduced barometer, 30.28 7 a. m. 30.15 7 p. m.

River gage, 1.0 feet

Relative humidity, 56 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

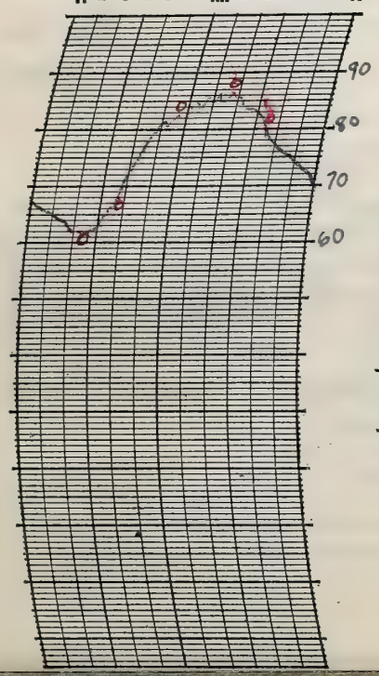
Dry temperature, 82.7 Wet temperature, 62.8

Dew-point, 50 R. humidity, 32 V. pressure, 36.6

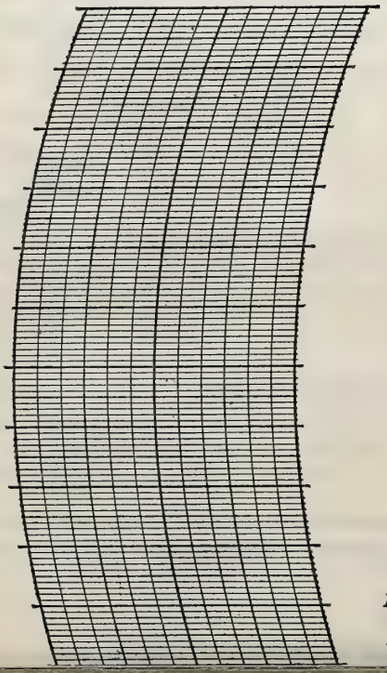
Clouds: Amount, 4; Kind, Cist; Direction, SW

Velocity of clouds (miles per hour)

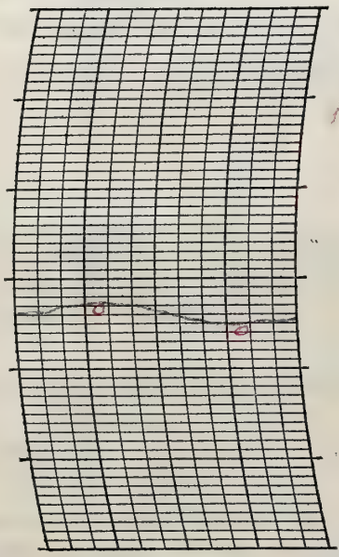
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by GJ

Verified by EEH

NOTES

A clear to partly cloudy day; however the clouds were all very thin and high and the sun shone through them all day. Clear at night.

Sunshine to 6:50 pm

Ø Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 4 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	67	66	65	64	65	69	74	79	82	83	84
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunshine (in tenths of hours)					0.83 0	1.0 0	1.0 0	1.0 0	Ø 0.7 0.3	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	6	7	7	7	8	7	9	11	12	13	14	12

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	86	87	88	87	86	85	83	78	76	74	73	71
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							X Pt Cldy					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.4 0.6	0.8 0	0				
Wind direction	SW	S	S	S	S	S	S	S	S	S	S	S
Wind movement	13	14	14	16	14	10	8	8	7	7	9	9

Maximum velocities (exceeding 24 miles) direction and time

Sunrise: Time, 4:10 Character, Clear

Moonrise:

Sunset: Time, 7:09 Character, Cloudy

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	64	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 14.6 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 97

Prevailing wind direction, S Total wind, 243

Average hourly velocity, 10.1 Extreme velocity, 21

Maximum velocity, 19 Direction, SW

Time began, 12:43 pm

Reduced barometer, 30.25 7 a. m. 30.07 7 p. m.

River gage, 1.0 feet

Relative humidity, 58 7 a. m. 36 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

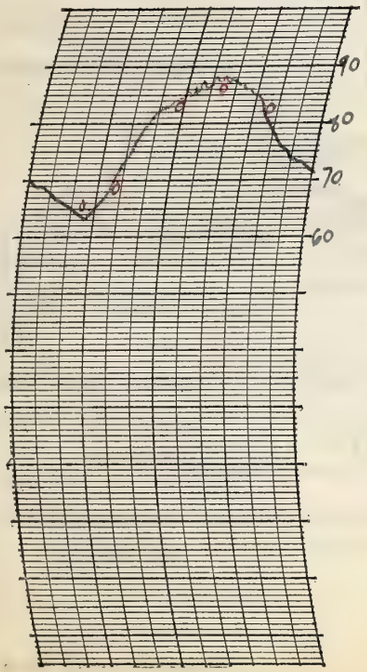
Dry temperature, 84.2 Wet temperature, 64.7

Dew-point, 52 R. humidity, 34 V. pressure, .387

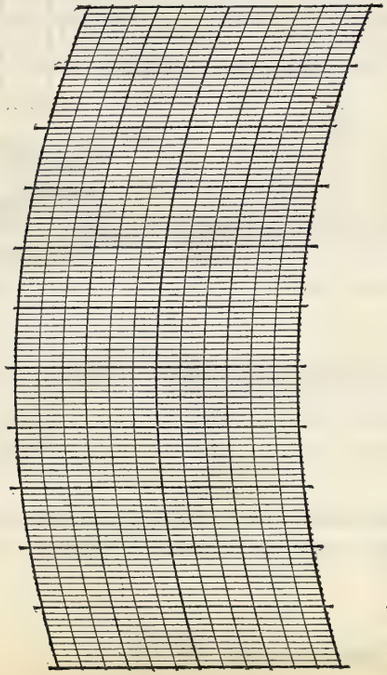
Clouds: Amount, 2; Kind, cu; Direction, W

Velocity of clouds (miles per hour)

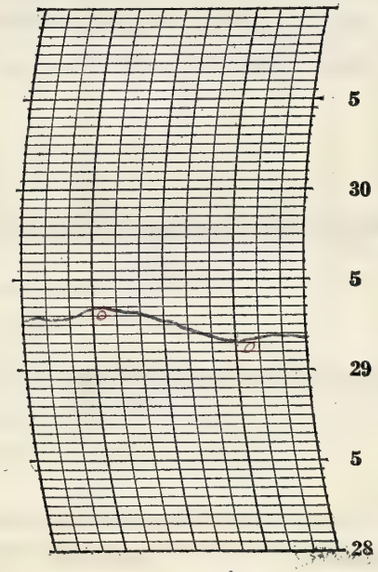
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.H.

8—486

NOTES

Sunshine to 6:50 p.m.
A mostly clear, warm, beautiful day. Mostly partly cloudy at night.
Ø Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 5 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	67	66	65	67	72	75	81	83	84	86
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear							
Sunshine (in tenths of hours)					0.85 0	1.0 0	1.0 0	1.0 0	0.6 0.4	1.0	1.0	1.0
Wind direction	S	S	S	S	S	SW	S	S	SW	SW	SW	SW
Wind movement	8	10	9	8	9	8	9	11	13	17	19	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	86	87	87	87	82	77	74	63	65	65	64
State of weather: Nature of precipitation and time of beginning and ending									RB 8:45		RE 10:35	RB 11:15 R Cont.
Amounts of precipitation									.06	.29	.08	.31
Cloudiness and other conditions									Cloudy →			
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8	0.2 0	0				
Wind direction	SW	SW	SW	SW	S	S	S	S	W	SW	S	S
Wind movement	18	17	16	16	13	16	14	10	8	7	5	7

Sunrise: Time, 4:09 Character, Clear
Moonrise:
Sunset: Time, 7:09 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

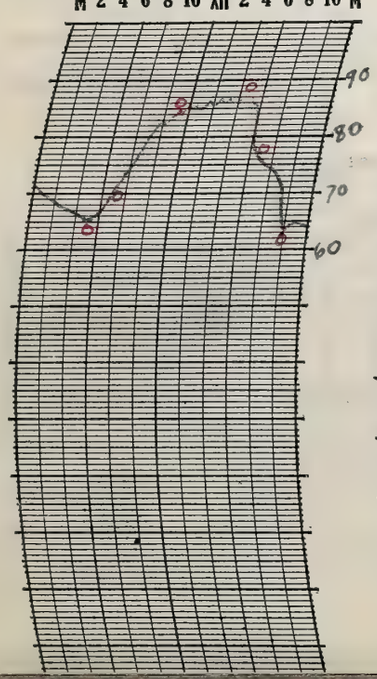
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	63	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 1.74 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 13.8 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 92
Prevailing wind direction, S Total wind, 288
Average hourly velocity, 12.0 Extreme velocity, 29
Maximum velocity, 24 Direction, SW
Time began, 11:11 am.
Reduced barometer, 30.06 7 a. m. 29.86 7 p. m.
River gage, 1.0 feet
Relative humidity, 61 7 a. m. 63 7 p. m.

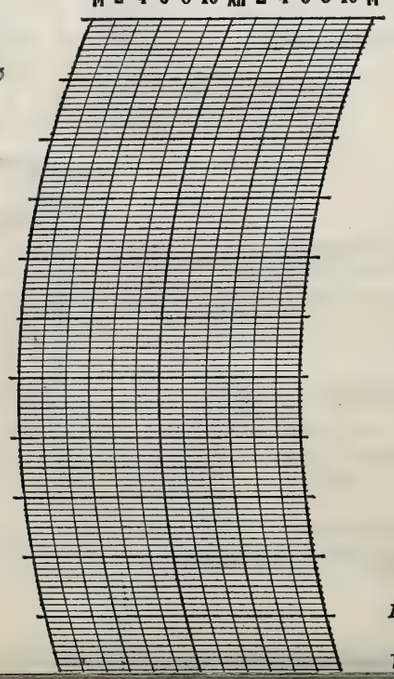
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 85.8 Wet temperature, 67.3
Dew-point, 57 R. humidity, 37 V. pressure, 465
Clouds: Amount, 2; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

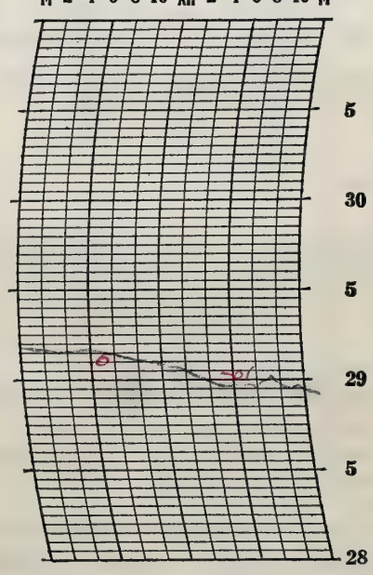
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Sunshine to 6:10 pm.
Mostly clear until late afternoon and threatening with rain and thunder storms after 8:45 pm. The thunder was severe but no damage reported.
Visibility poor after 9:00 pm.
Lightning was observed in the far north and faint thunder was heard in the early morning at 12:05 am.
Thunder began 8:45 pm and lightning observed SW of the city.
Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) JUN 6 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	65	65	65	65	65	67	66	68	68	65	68
State of weather: Nature of precipitation and time of beginning and ending	R cont RE DN2						RB 6:30 RE 6:36	RE 7:10	RB 8:55	RE 9:10	RB 10:45	RE 11:20
Amounts of precipitation	0.4							T .05	T	T	.05	.02
Cloudiness and other conditions	← Clear							Cloudy				X PX Cloudy
Sunshine (in tenths of hours)					0.85 0	0.7 0	0	0	0.4	0.5	0.7	0.8
Wind direction	S	S	SW	S.W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	10	10	8	9	10	10	10	16	15	17	14

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	59	59	54	52	50	50	50	49	49
State of weather: Nature of precipitation and time of beginning and ending	RB 12.01	RE 1:15					RB 6:15	RE 8:10				RB 11.15
Amounts of precipitation	.13	.01					T	T				0.1
Cloudiness and other conditions	Cloudy →											
Sunshine (in tenths of hours)	0	0	0.3	0.3	1.0	0.2	0	0				
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	13	11	12	11	14	14	12	11	10	10	10	10

Sunrise: Time, 4:09 Character, Clear
Moonrise:
Sunset: Time, 7:10 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

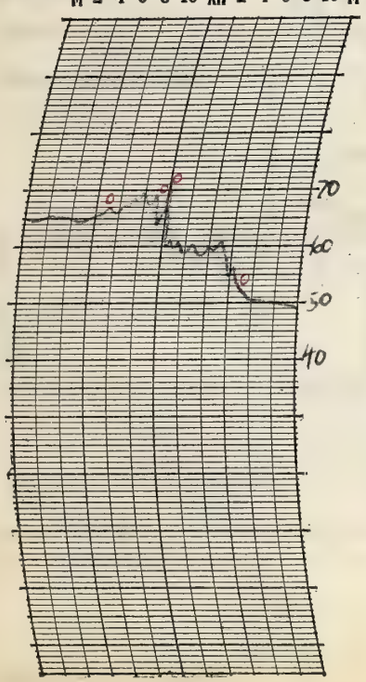
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	49	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .28 ins.; to 7 p. m., 2.6 ins.
Total precipitation, midnight to midnight, 1.31 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.5 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 39
Prevailing wind direction, W Total wind, 275
Average hourly velocity, 11.5 Extreme velocity, 24
Maximum velocity, 21 Direction, SW
Time began, 9:57 am
Reduced barometer, 29.78 7 a. m. 29.87 7 p. m.
River gage, 1.2 feet
Relative humidity, 90 7 a. m. 86 7 p. m.

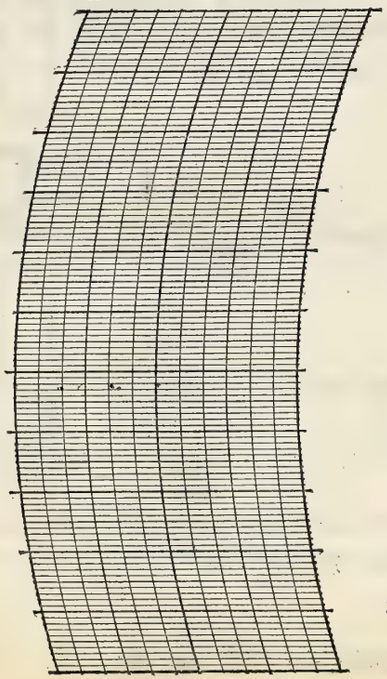
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.3 Wet temperature, 62.0
Dew-point, 58 R. humidity, 70 V. pressure, 48.2
Clouds: Amount, 7; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

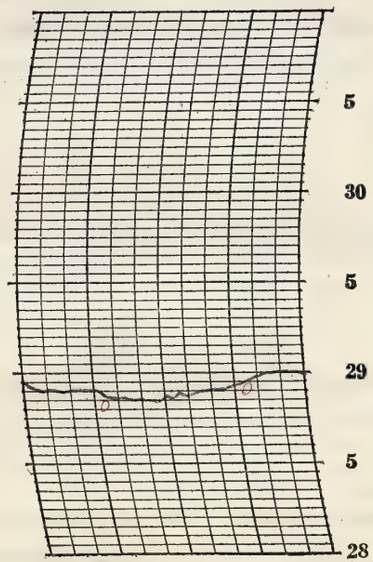
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by E.H.

8—486

NOTES

Rain nearly all day but visibility about 4 to 5 miles, and fairly high ceilings. Some flying done
It thundered at 12:05 p.m.
Sunshine to 5:40 a.m.
Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 7 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	46	46	46	46	47	47	47	48	52	53
State of weather: Nature of precipitation and time of beginning and ending	R cont											
Amounts of precipitation	.01	.02	.06	.02	.01	.03	.02	T	.01	.02	T	.01
Cloudiness and other conditions	← Cloudy											
Sunrise: Time, Character,	4:09 Cloudy											
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.9	0.7
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	9	9	8	7	6	6	7	9	8	9	9	9
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	59	59	59	57	56	57	56	54	53	53	53
State of weather: Nature of precipitation and time of beginning and ending	RE 12:05								RB 8:20 RE 8:30			
Amounts of precipitation	T								T			
Cloudiness and other conditions	× Cloudy ×						Cloudy →					
Sunset: Time, Character,									7:10 Cloudy			
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.2	0	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	W	NW	N	NE	NE
Wind movement	9	10	12	11	10	8	4	4	7	7	3	1
Maximum velocities (exceeding 24 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	46	53	

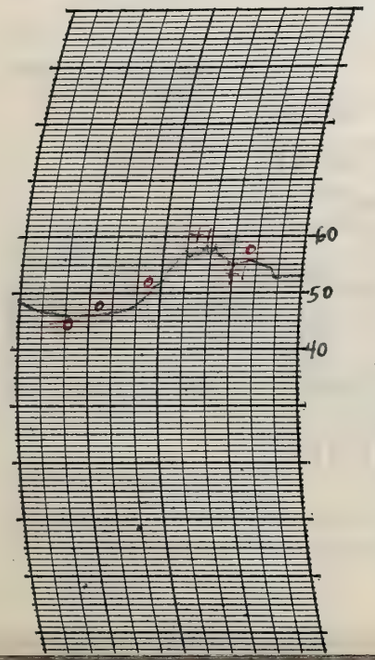
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .18 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .21 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 5.8 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 39
Prevailing wind direction, NW Total wind, 182
Average hourly velocity, 7.6 Extreme velocity, 14
Maximum velocity, 14 Direction, NW
Time began, 2:47 km
Reduced barometer, 29.98 7 a. m. 30.05 7 p. m.
River gage, 1.4 feet
Relative humidity, 96 7 a. m. 63 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

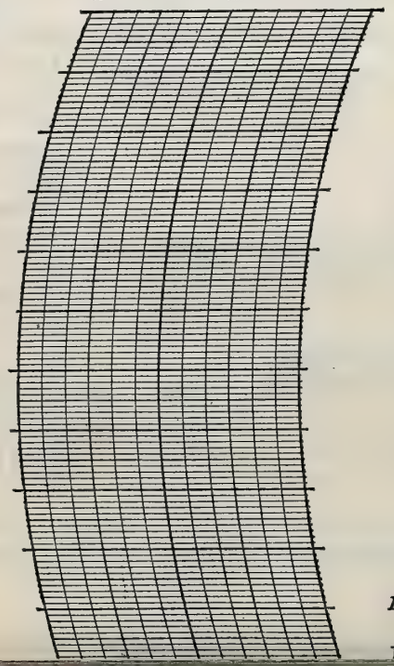
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 52.6 Wet temperature, 49.1
Dew-point, 46 R. humidity, 78 V. pressure, .310
Clouds: Amount, 10; Kind, st cu; Direction, NW
Velocity of clouds (miles per hour)

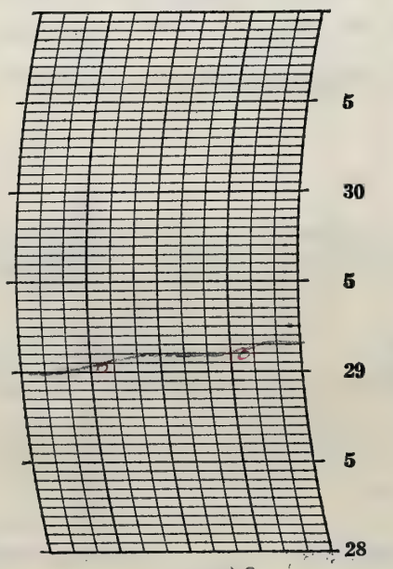
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

NOTES

Rain until 12:05 pm. Ceiling about 3000 feet, but at times as low as 1500, visibility about 3 miles most of the morning. The afternoon was broken overcast skies.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) JUN 8 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	51	51	50	49	50	55	58	61	63	64	64
State of weather: Nature of precipitation and time of beginning and ending											RB 10:15 RE 10:30	
Amounts of precipitation											T	
Cloudiness and other conditions					← Cldy		X	Pt Cldy		X	Cloudy	
Sunrise: Time, 4:09 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0.0 0	1.0 0	Ø 0.4 0.5	1.0	0.8	0.1
Wind direction	NW	NW	NW	W	W	W	W	W	W	W	W	W
Wind movement	3	2	2	4	4	3	6	6	8	7	8	6

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68	68	69	62	59	59	59	57	55	54	53	53
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	X	Part			Cloudy							→
Sunset: Time, 7:11 Character, Clear												
Moonset:												
Sunshine (in tenths of hours)	0.5	1.0	1.0	0.2	0	0.6	1.0 0	0.18 0				
Wind direction	SW	W	W	W	E	SE	SE	S	SE	SE	SE	SE
Wind movement	6	8	10	8	6	7	4	4	4	2	1	1

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	49	59	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 8.9 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 59

Prevailing wind direction, W Total wind, 120

Average hourly velocity, 5.0 Extreme velocity, 12

Maximum velocity, 12 Direction, W

Time began, 2:15 pm.

Reduced barometer, 30.12 7 a. m. 30.06 7 p. m.

River gage, 1.4 feet

Relative humidity, 60 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

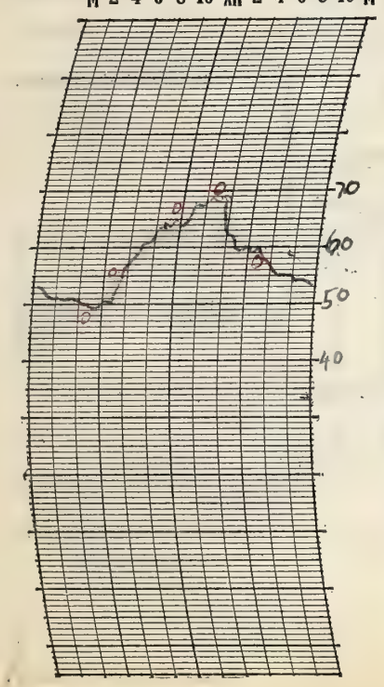
Dry temperature, 63.8 Wet temperature, 53.8

Dew-point, 46 R. humidity, 52 V. pressure, .310

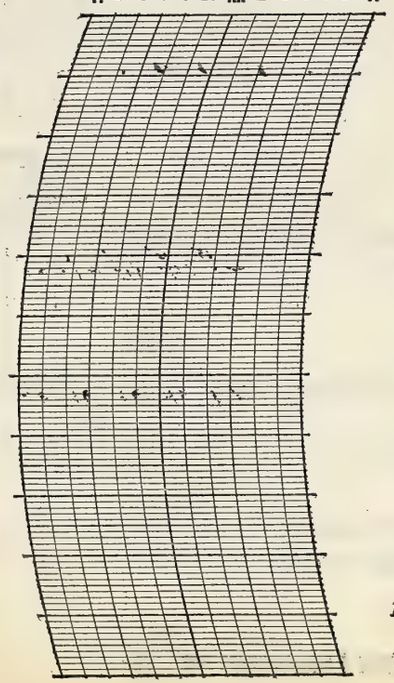
Clouds: Amount, 9; Kind, stcu; Direction, N

Velocity of clouds (miles per hour)

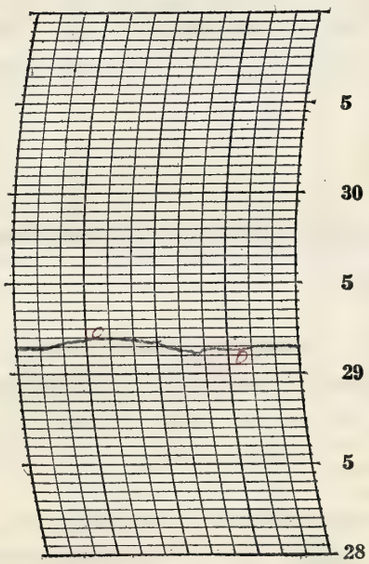
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.H.

8—486

NOTES

A partly cloudy to cloudy day. Some thunderstorms reported north and east of the city in the afternoon, but no thunder was heard at the station. Cool day.

Sunshine after 6:25 a.m.

Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 9 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	50	50	50	53	56	59	62	65	66	67	69	70	69	64	64	63	63	60	59	58	55	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Part Cloudy X Cloudy X Clear →																			
Sunrise: Time, 4:08 Character, Clear																					Sunset: Time, 7:12 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.8? 0	1.0 0	1.0 0	1.0 0	Ø 0.4	1.0	1.0	1.0	1.0	1.0	0.7	0.8	0	0.7	0.9 0.1	0.20 0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	N	NE	N	NE	SE	S	NE	E	E	E	NE	NE
Wind movement	2	2	4	5	4	4	3	3	4	5	6	4	5	6	10	9	5	3	3	2	2	1	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

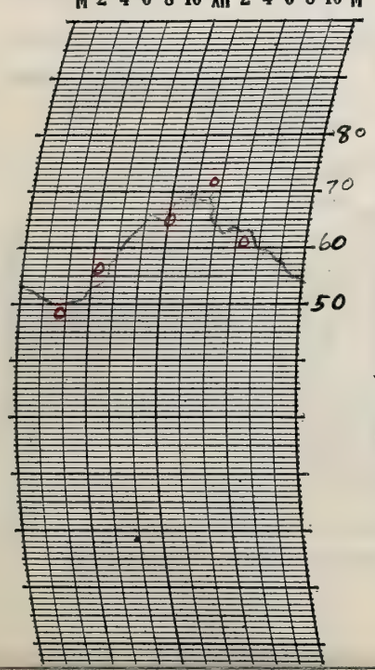
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	50	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 13.3 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 88
Prevailing wind direction, NE Total wind, 98
Average hourly velocity, 4.1 Extreme velocity, 14
Maximum velocity, 14 Direction, NE
Time began, 3:12 pm.
Reduced barometer, 30.11 7 a. m. 30.06 7 p. m.
River gage, 1.4 feet
Relative humidity, 79 7 a. m. 58 7 p. m.

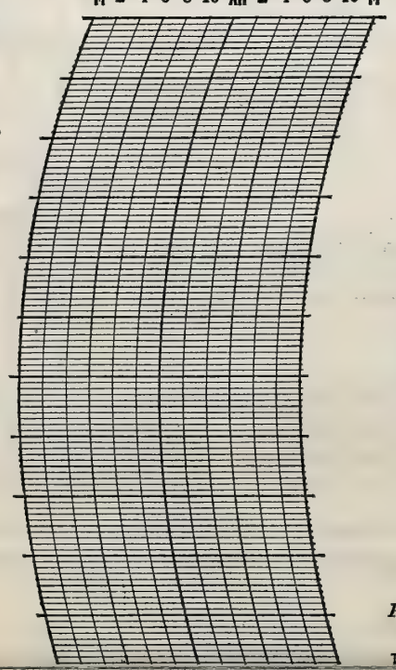
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 67.2 Wet temperature, 56.0
Dew-point, 47.2 R. humidity, 49 V. pressure, .322
Clouds: Amount, 4; Kind, cu; Direction, N
Velocity of clouds (miles per hour)

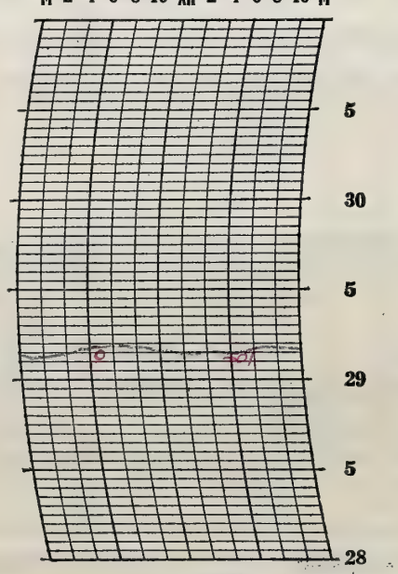
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Partly cloudy until 1:00 pm then mostly cloudy into the night becoming clear at night. Cumulus clouds and threatening about 4:00 pm some local storms reported in the vicinity of Fort Wayne, but none occurred over the city.

Ø Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) JUN 10 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	52	52	52	52	51	57	59	63	65	66	68
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear						X	
Sunshine (in tenths of hours)					0.87 0	1.0 0	1.0 0	1.0 0	0.6 0.4	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	N	N	N	NW	N
Wind movement	4	4	2	2	2	4	4	6	7	9	7	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	70	70	71	71	71	68	67	65	63	61	60
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Part Cloudy →							
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.7	0.9	0.3 0.1	1.0 0	0.20 0				
Wind direction	N	N	N	NW	NW	W	W	W	SW	SW	SW	SW
Wind movement	8	8	6	6	5	5	3	3	5	3	3	3

State of weather.

Sunrise: Time, 4:08 Character, Clear

Moonrise:

Sunset: Time, 7:12 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	51	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 14.0 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 93

Prevailing wind direction, N Total wind, 118

Average hourly velocity, 4.9 Extreme velocity, 16

Maximum velocity, 15 Direction, NW

Time began, 11:34 am.

Reduced barometer, 30.10 7 a. m. 30.02 7 p. m.

River gage, 1.5 feet

Relative humidity, 77 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

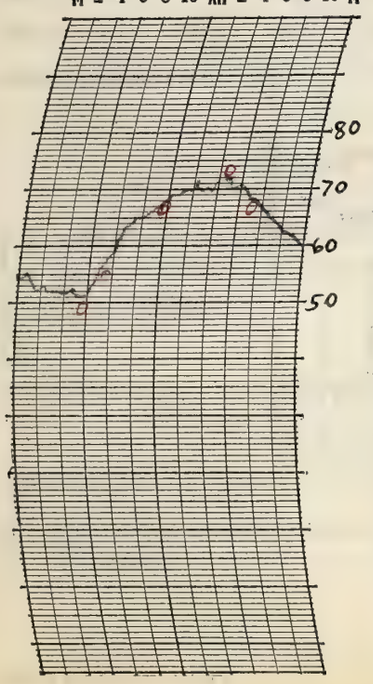
Dry temperature, 67.8 Wet temperature, 55.0

Dew-point, 44 R. humidity, 44 V. pressure, .287

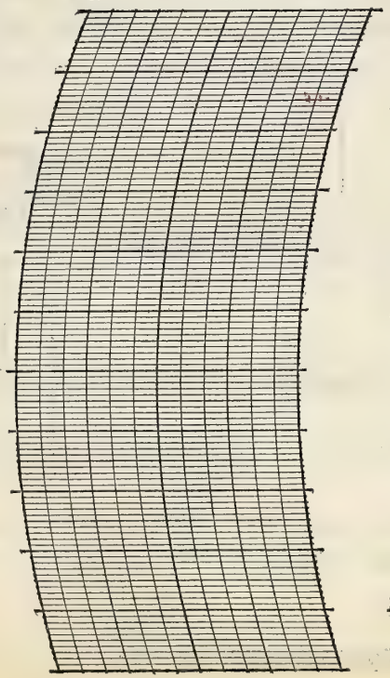
Clouds: Amount, 3; Kind, cu; Direction, N

Velocity of clouds (miles per hour)

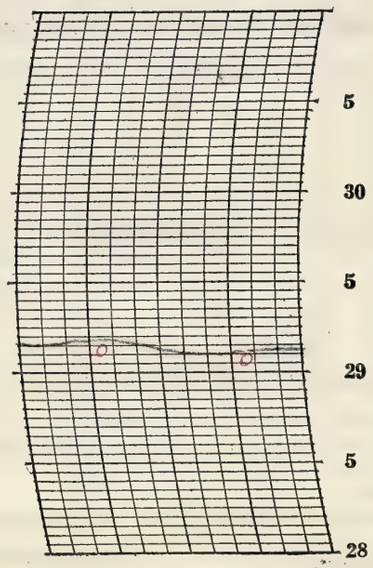
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J

Verified by E.H.

8—486

NOTES

a cool day. Clear morning followed by a partly cloudy afternoon and night. Good flying conditions. Shadow cast by Lincoln Tower

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 11 1930, 193

Time (local standard) ~~90~~ mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	57	56	56	56	62	65	70	73	74	75
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Partly			×				
Sunshine (in tenths of hours)					0.8? 0	1.0 0	1.0 0	1.0 0	Ø 0.4 0.6	1.0	1.0	1.0
Wind direction	SW	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	4	5	8	8	6	7	9	9	11	13	12	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	77	76	75	70	69	67	65	64	63	63	62
State of weather: Nature of precipitation and time of beginning and ending					RB 4:30 RE 5:00			RB 7:15				RB cont
Amounts of precipitation					T			T	T	T	T	.01
Cloudiness and other conditions							Cloudy					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0	0	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	S	SE	E
Wind movement	8	12	9	8	9	12	10	8	5	4	3	2

Sunrise: Time, 4:08 Character, Clear
Moonrise:
Sunset: Time, 7:13 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	56	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 10.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 72
Prevailing wind direction, SW Total wind, 194
Average hourly velocity, 8.1 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 9:58 am
Reduced barometer, 30.09 7 a. m. 30.14 7 p. m.
River gage, 1.5 feet
Relative humidity, 59 7 a. m. 50 7 p. m.

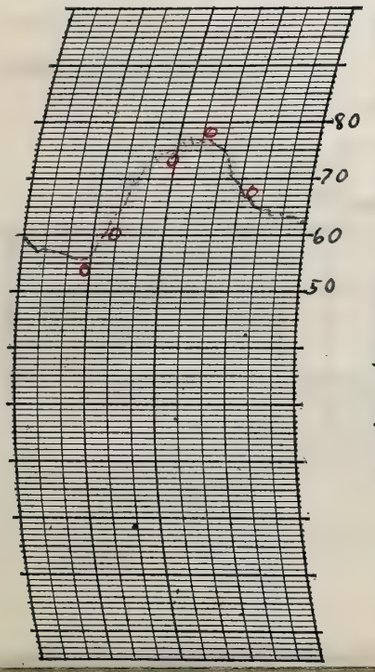
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

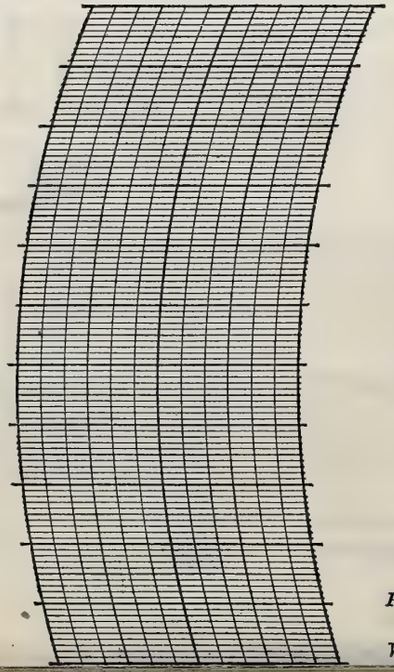
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 74.8 Wet temperature, 57.0
Dew-point, 43 R. humidity, 32 V. pressure, .277
Clouds: Amount, ~~Few~~ 8 Kind, ~~Cu~~ Cu Direction, SW
Velocity of clouds (miles per hour)

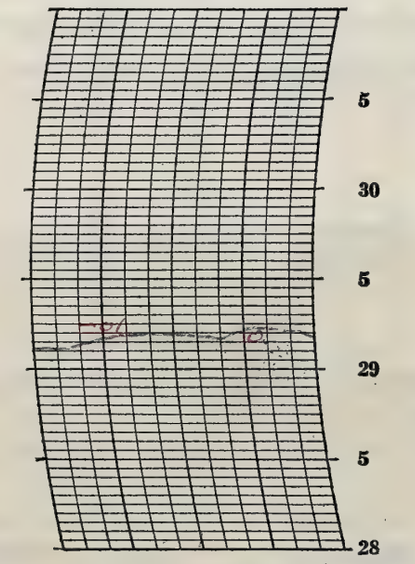
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

NOTES

22° Solar halo observed today.
Cloudy most of the day and at night. The light sprinkle that occurred during the evening made the streets wet by 10:00 pm but not slippery.
Ø Shadow cast by Lincoln Tower.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 12 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	60	60	61	61	65	68	70	71	72	79
Nature of precipitation and time of beginning and ending	R cont	RE 2:00										
Amounts of precipitation	T	.01										
Cloudiness and other conditions					←					Cloudy		
Sunshine (in tenths of hours)					0	0	0	0.1	0.5	0.6	1.0	1.0
Wind direction	N	N	E	E	E	E	SE	S	S	S	S	S
Wind movement	6	3	4	4	4	4	5	9	9	9	10	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	71	68	75	76	75	73	72	71	69	68
Nature of precipitation and time of beginning and ending			RB 2:30	RE 3:50								
Amounts of precipitation			.02	.03								
Cloudiness and other conditions							X	Pt Cldy			→	
Sunshine (in tenths of hours)	1.0	1.0	0.5	0	0	0	0	0				
Wind direction	S	S	S	S	S	S	S	S	SE	SE	SE	SE
Wind movement	14	14	13	7	7	10	9	6	5	6	7	8

State of weather.

Sunrise: Time, 4:08 Character, Cloudy

Moonrise:

Sunset: Time, 7:13 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	60	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .06 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 5.7 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 38

Prevailing wind direction, S Total wind, 184

Average hourly velocity, 7.7 Extreme velocity, 20

Maximum velocity, 18 Direction, SW

Time began, 1:28 p.m.

Reduced barometer, 30.07 7 a. m. 29.99 7 p. m.

River gage, 1.6 feet

Relative humidity, 59 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

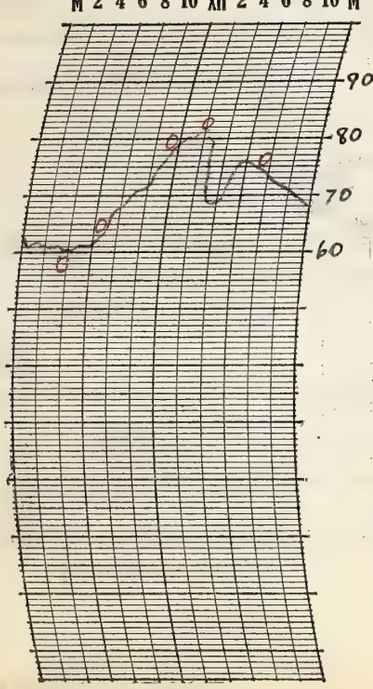
Dry temperature, 78.8 Wet temperature, 64.2

Dew-point, 56 R. humidity, 45 V. pressure, .448

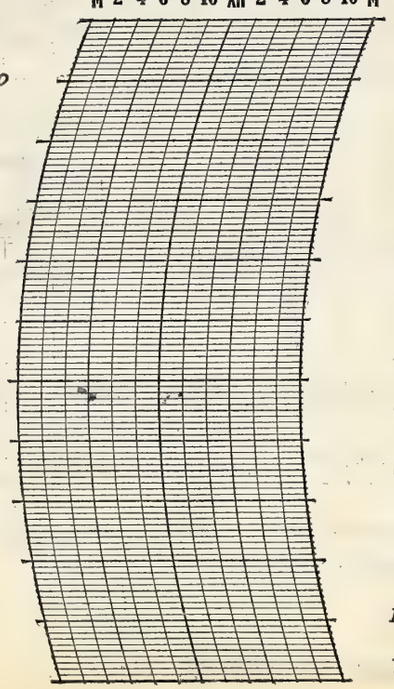
Clouds: Amount, 6; Kind, 2 st; Direction, SW

Velocity of clouds (miles per hour)

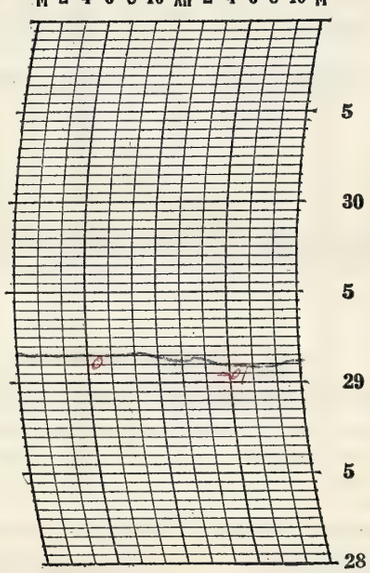
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.

Verified by E.H.

8—486

NOTES

A brisk thundershower occurred at 2:30 pm. but the thunder was not severe and no damage was reported. The thunderstorm moved in from the southwest and out to the northeast. Mostly clear to pt cloudy at night

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 13 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	66	65	65	65	69	73	75	79	80	81	82	83	84	85	85	84	81	79	76	75	73	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					< Clear					×			Pt Cldy		× Cldy			× Pt Cldy						>
Sunrise: Time, 4:08 Character, Clear																					Sunset: Time, 7:14 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.8 7 0	1.0 0	1.0 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.1 0.7	0.9 0	0				
Wind direction	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SE	SE	S	S
Wind movement	7	8	8	8	8	8	9	9	11	12	13	14	14	15	14	14	14	10	8	6	7	8	7	8
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
						Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
Excessive precipitation, accumulated amounts																			

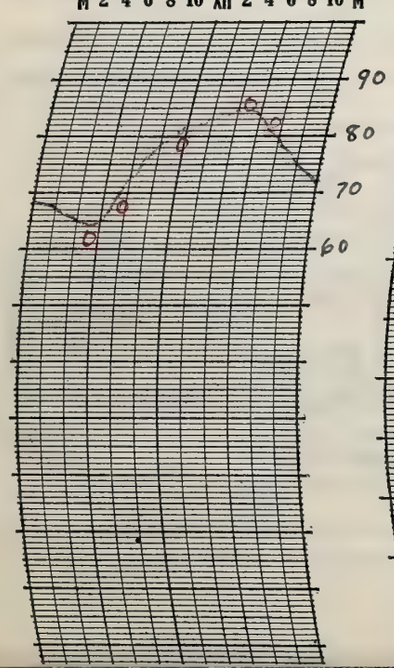
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	65	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 14.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 93
Prevailing wind direction, S Total wind, 240
Average hourly velocity, 10.0 Extreme velocity, 20
Maximum velocity, 20 Direction, SW
Time began, 2:24 p.m.
Reduced barometer, 30.05 7 a. m. 29.96 7 p. m.
River gage, 1.2 feet
Relative humidity, 64 7 a. m. 37 7 p. m.

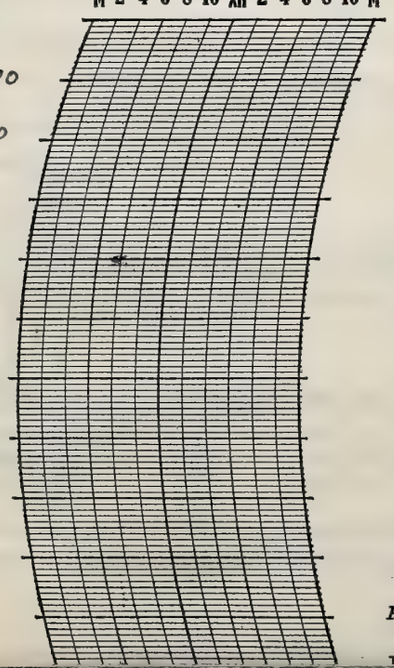
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.1 Wet temperature, 66.6
Dew-point, 59 R. humidity, 46 V. pressure, 499
Clouds: Amount, 4; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

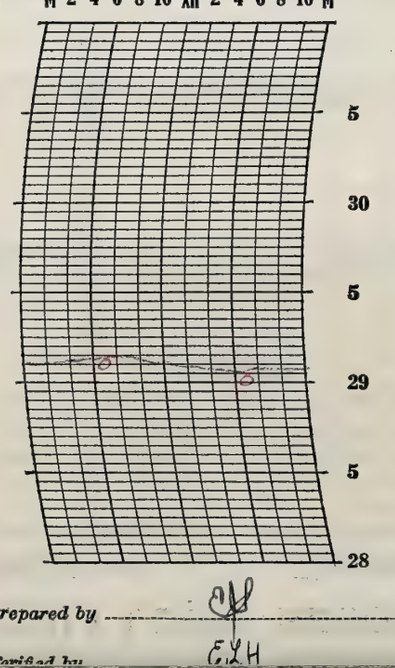
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJH

Verified by

NOTES

Sunshine to 6:55 pm
Mostly clear in the morning, followed by partly cloudy to cloudy in the afternoon. Good flying conditions.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 14 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	67	67	68	72	75	78	81	83	84	86	87	87	87	86	85	84	81	79	77	75	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←								Clear								→			
Sunshine (in tenths of hours)					0.8 0	1.0 0	1.0 0	1.0 0	0.6 0.4	1.0	0.8	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.4 0.6	0.23 0				
Wind direction	S	S	S	S	S	S	S	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	8	9	9	7	10	10	11	14	15	14	14	13	13	14	15	13	13	12	10	8	7	7	7	6

Sunrise: Time, 4:08 Character, Clear
Moonrise:
Sunset: Time, 7:14 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

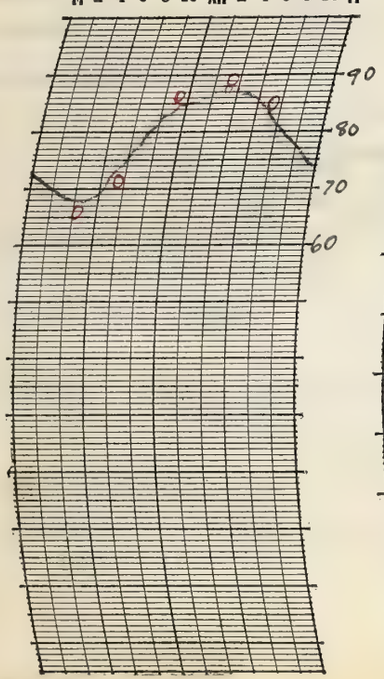
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	67	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.4 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 95
Prevailing wind direction, S Total wind, 259
Average hourly velocity, 10.8 Extreme velocity, 18
Maximum velocity, 18 Direction, S
Time began, 1:26 pm
Reduced barometer, 30.04 7 a. m. 29.96 7 p. m.
River gage, 1.2 feet
Relative humidity, 61 7 a. m. 41 7 p. m.

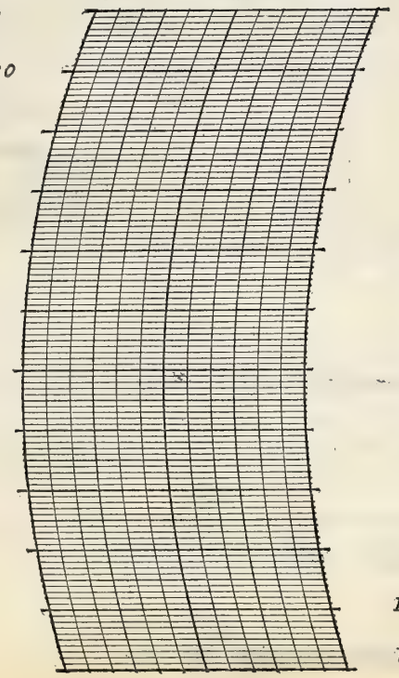
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.2 Wet temperature, 67.2
Dew-point, 58 R. humidity, 41 V. pressure, .482
Clouds: Amount, 2; Kind, cu.; Direction, SW
Velocity of clouds (miles per hour)

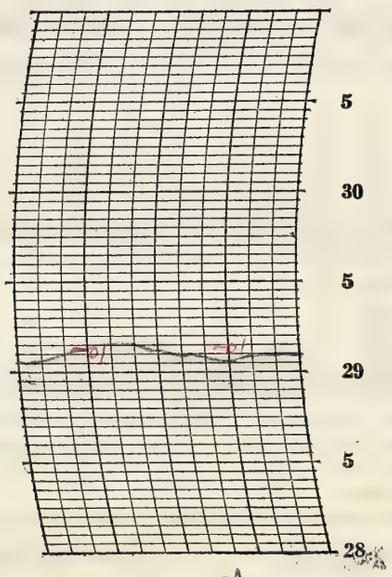
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]

Verified by [signature]

8—486

NOTES

A clear, warm, beautiful day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 15 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	71	70	69	68	70	73	75	78	80	81	82
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Part Cloudy						
Sunshine (in tenths of hours)					0.8 0	0.8 0.2	1.0 0	1.0 0	0.7 0.3	1.0	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	SW	S	SW	SW
Wind movement	6	5	5	8	7	8	9	10	13	17	18	17
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	85	84	84	82	72	70	67	67	67	66	66
State of weather: Nature of precipitation and time of beginning and ending							RB 6:15 RE 6:35	RB 7:05				R cont.
Amounts of precipitation							.01	.64	.06	.02	.03	.01
Cloudiness and other conditions						X	Cloudy					→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	0	0	0				
Wind direction	SW	S	SW	SW	SW	NW	NW	NW	NW	SE	SE	S
Wind movement	12	12	12	18	13	12	6	7	2	3	7	6

Sunrise: Time, 4:08 Character, Clear
Moonrise:
Sunset: Time, 7:14 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	66	76	

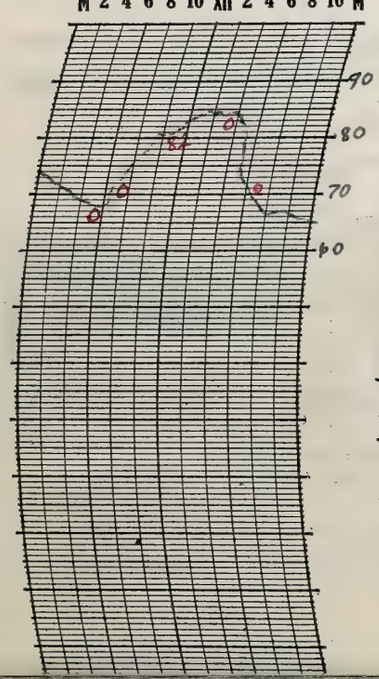
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .77 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 12.7 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 84
Prevailing wind direction, S Total wind, 248
Average hourly velocity, 10.3 Extreme velocity, 25
Maximum velocity, 24 Direction, SW
Time began, 10:49 am.
Reduced barometer, 30.00 7a. m., 29.89 7p. m.
River gage, 1.2 feet
Relative humidity, 64 7a. m. 87 7p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	7:05p	DN 2 of 8th	0.80	7:12p	7:42p	.01 X	.08	.16	.27	.31	.35	.59							

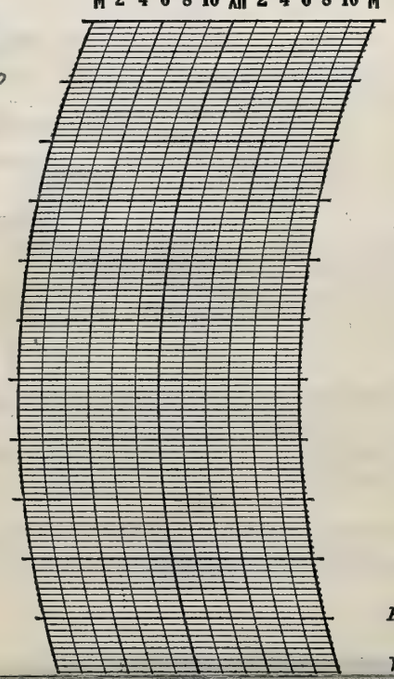
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 82.2 Wet temperature, 68.0
Dew-point, 61 R. humidity, 48 V. pressure, .536
Clouds: Amount, 3 3 Cu; Kind, Cu 2 Cu; Direction, SW 5 W
Velocity of clouds (miles per hour)

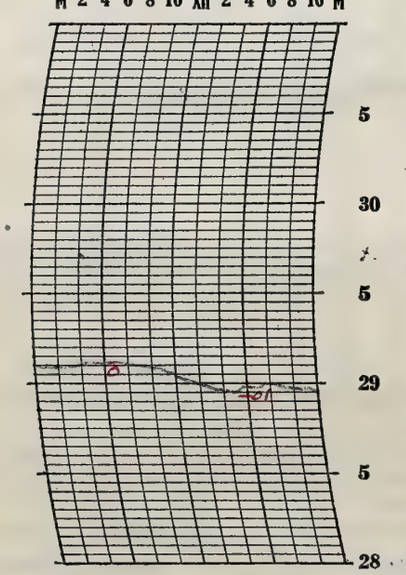
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by E. L. H.

NOTES

A thunderstorm that occurred between 7:05 pm and midnight was quite severe and some basements were flooded by back water through the drains. The water fell so fast that the sewers could not carry the water. No great damage occurred. Up until the time of the rain the day was partly cloudy and pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 16 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	66	66	66	66	67	69	70	72	71	75
Nature of precipitation and time of beginning and ending	R cont	RE DW2									RB 10:55	RE 11:20
Amounts of precipitation	.03	.01									T	01
Cloudiness and other conditions					←		Cloudy					X
Sunshine (in tenths of hours)					0	0	0	0	0.6	0.9	0.8	0.8
Wind direction	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	7	9	6	7	6	10	8	11	10	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	74	73	74	73	73	72	68	66	66	64	63
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Pt	Cldy				X		Clear				→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.8	1.0	0.9 0.1	0.25 0				
Wind direction	W	W	NW	NW	W	W	W	W	NW	NW	NW	NW
Wind movement	13	13	14	11	9	10	6	5	5	3	2	1

Sunrise: Time, 4:08 Character, Cloudy

Moonrise: ____ ____

Sunset: Time, 7:15 Character, Clear

Moonset: ____ ____

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	63	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .80 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Part Cloudy Moon phase, ____

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 10.2 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 68

Prevailing wind direction, SW Total wind, 190

Average hourly velocity, 7.9 Extreme velocity, 19

Maximum velocity, 19 Direction, NW

Time began, 2:06 pm

Reduced barometer, 29.83 7 a. m., 29.73 7 p. m.

River gage, 1.4 feet

Relative humidity, 92 7 a. m. 55 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

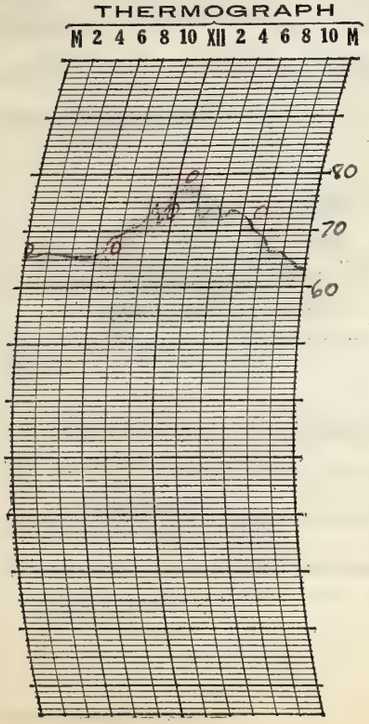
Dry temperature, 74.8 Wet temperature, 64.8

Dew-point, 60 R. humidity, 59 V. pressure, .517

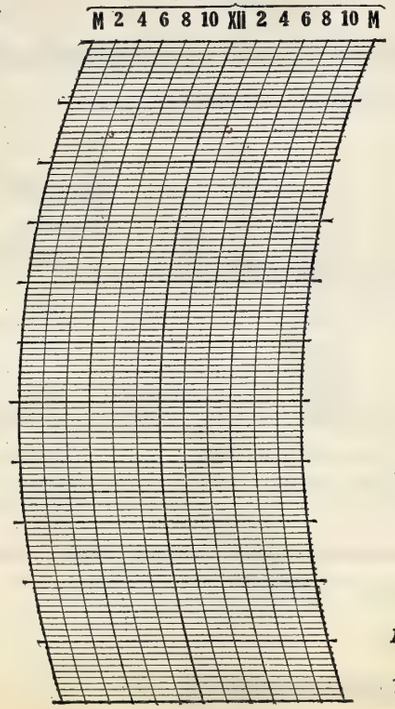
Clouds: Amount, 4; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour) ____

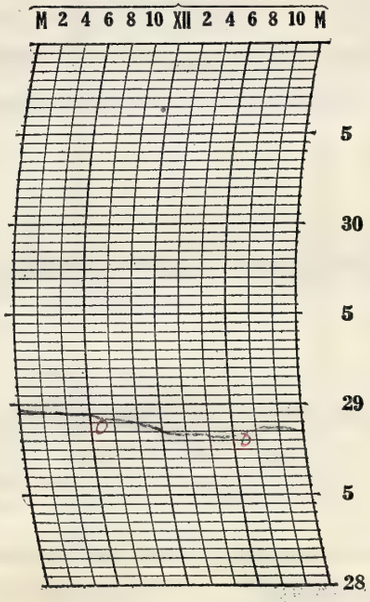
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]

Verified by E.L.H.

8—486

NOTES

Mostly cloudy in the morning followed by a light shower at noon. However, the shower was local and no rain occurred in the south part of town.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 17 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	61	60	60	61	64	68	70	73	73	71
State of weather: Nature of precipitation and time of beginning and ending									RB 8:23 RE 8:27			RB 11:45
Amounts of precipitation									T			T
Cloudiness and other conditions					← Pt Cldy	Clear		Pt Cldy			→ Cloudy	
Sunrise: Time, 4:08 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0.2	0.4	1.0	1.0	0.1
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	3	2	1	1	1	2	2	2	3	4	5	4
Maximum velocities (exceeding 24 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	69	67	66	66	64	64	64	64	63	62	61
State of weather: Nature of precipitation and time of beginning and ending		RE 1:15										RB 11:05 R Cont
Amounts of precipitation	1.23	.01										.09
Cloudiness and other conditions				→ Pt Cldy								
Sunset: Time, 7:15 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0.8	1.0	0.7	0.1	0	0	0				
Wind direction	N	N	NW	NW	N	W	W	N	N	N	NW	NW
Wind movement	5	5	8	10	7	6	4	5	4	3	4	4

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	60	67	

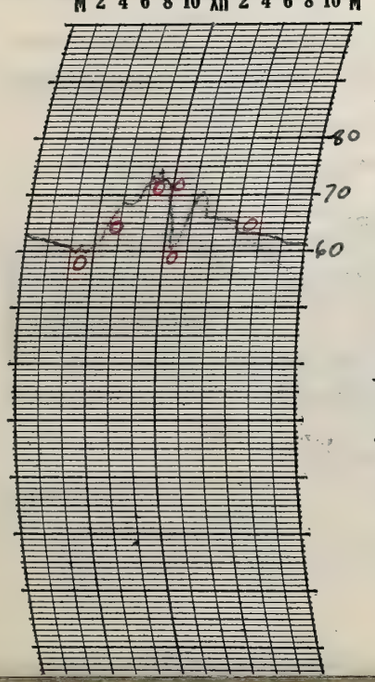
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 6 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.24 ins.
Total precipitation, midnight to midnight, 1.33 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.3 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 35
Prevailing wind direction, NW Total wind, 95
Average hourly velocity, 4.0 Extreme velocity, 15
Maximum velocity, 15 Direction, NW
Time began, 3:02 p.m.
Reduced barometer, 29.777 a. m. 29.71 p. m.
River gage, 1.6 feet
Relative humidity, 75 a. m. 78 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	11:45a	1:15p	1.24	12:16p	12:44p	.03	.26	.50	.72	.85	1.02	1.12								

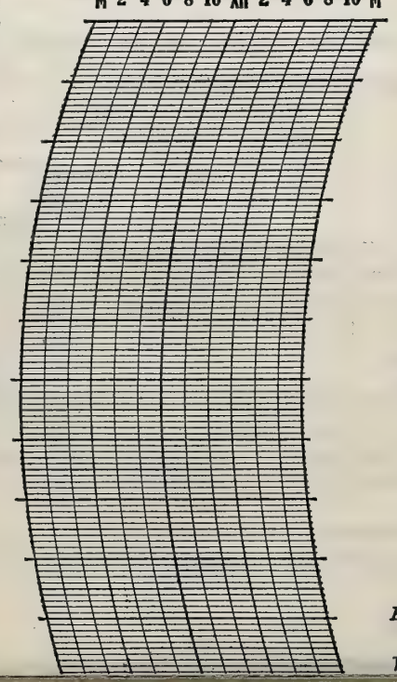
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 70.6 Wet temperature, 64.2
Dew-point, 61 R. humidity, 71 V. pressure, .536
Clouds: Amount, 10; Kind, St Cu Direction, W
Velocity of clouds (miles per hour)

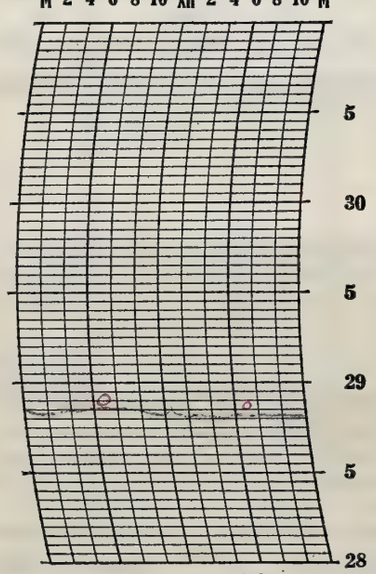
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.L.H.

NOTES

A partly cloudy to cloudy morning followed by a heavy rain and thunderstorm at mid-day. The thunder was severe. The heavy precipitation flooded streets, and many basements had water back up in them. Although no hail occurred over the downtown sections considerable hail did occur in the north and east portions of the city. About ¼ inch of hail fell in the Lakeside area. The second thunderstorm that occurred late at night did not do any damage.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 18 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	60	60	59	57	58	58	58	59	61	63
Nature of precipitation and time of beginning and ending	R cont	RE DN2		RB DN2 RE DN2		RB 5:10		RE 7:30				
Amounts of precipitation	.03	T		01		T	.10	01				
Cloudiness and other conditions	← Cloudy											
Sunrise: Time, 4:08 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.2	0.9
Wind direction	NW	N	NW	NW	SW	SW	W	W	W	W	W	W
Wind movement	5	4	4	3	2	6	5	5	8	5	7	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	65	64	64	65	64	62	60	60	58	59
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Partly		X	Clear →				
Sunset: Time, 7:15 Character, Clear												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.2	0	0.6	0.3 (0.7)	0 (0.5)				
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	8	8	12	10	10	8	6	5	5	4	5	4

State of weather.

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
67	57	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.20 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .15 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 6.2 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 41

Prevailing wind direction, W Total wind, 148

Average hourly velocity, 6.2 Extreme velocity, 15

Maximum velocity, 15 Direction, W

Time began, 2:24 pm

Reduced barometer, 29.78 7 a. m. 29.85 7 p. m.

River gage, 2.0 fall

Relative humidity, 94 7 a. m. 71 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

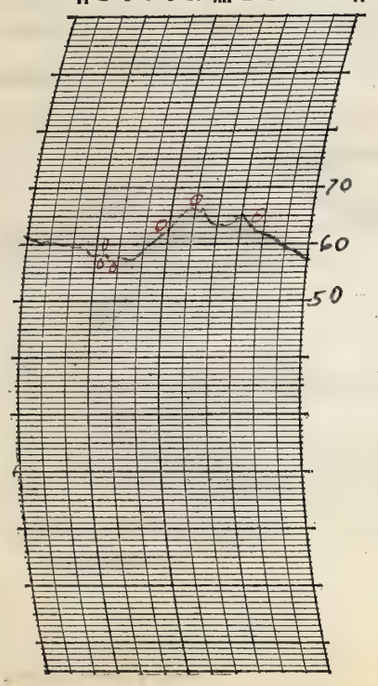
Dry temperature, 63.1 Wet temperature, 59.1

Dew-point, 56 R. humidity, 79 V. pressure, 448

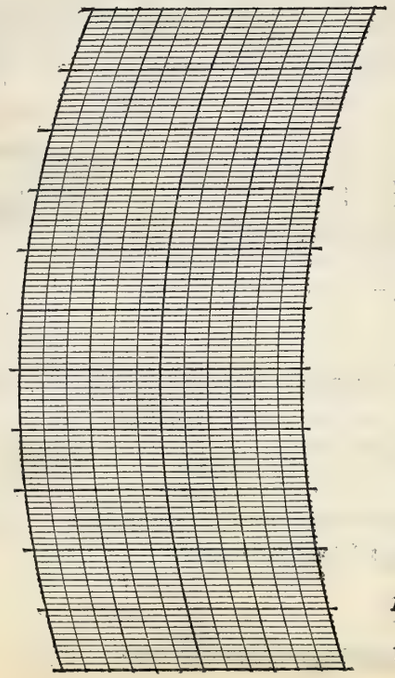
Clouds: Amount, 10; Kind, stcu; Direction, W

Velocity of clouds (miles per hour)

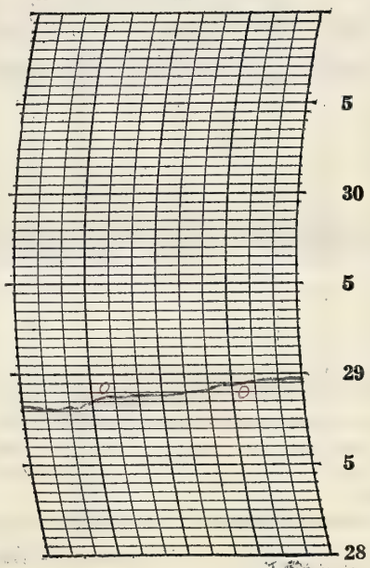
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Cloudy day with rain in the early morning - moderate calings and good visibility after 8:00 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 19 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	53	53	54	56	60	64	68	70	71	72	74	75	75	76	75	74	73	70	68	68	65	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear						~~Pt Cldy~~		~~Clear~~		~~Pt Cldy~~		~~Clear~~		~~Pt Cldy~~			→
Sunshine (in tenths of hours)					0.8? 0	1.0 0	1.0 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	W	W
Wind movement	5	4	4	4	4	3	4	6	7	9	11	10	9	10	11	9	9	5	4	4	4	3	3	3

Sunrise: Time, 4:08 Character, Clear
Moonrise:
Sunset: Time, 7:16 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

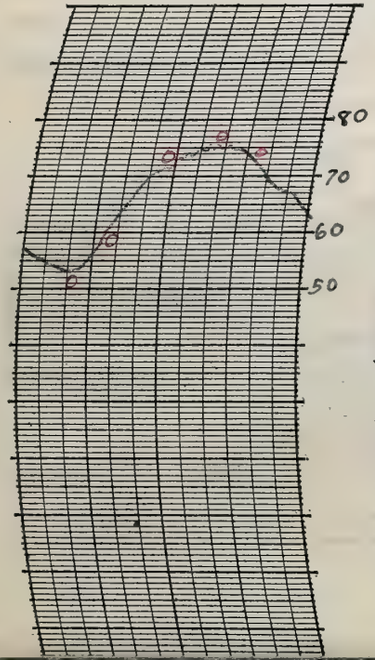
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	53	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 12.9 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 85
Prevailing wind direction, W Total wind, 145
Average hourly velocity, 6.0 Extreme velocity, 13
Maximum velocity, 13 Direction, W
Time began, 11:02 dm
Reduced barometer, 29.93 7 a. m. 29.95 7 p. m.
River gage, 2.6 fall
Relative humidity, 73 7 a. m. 58 7 p. m.

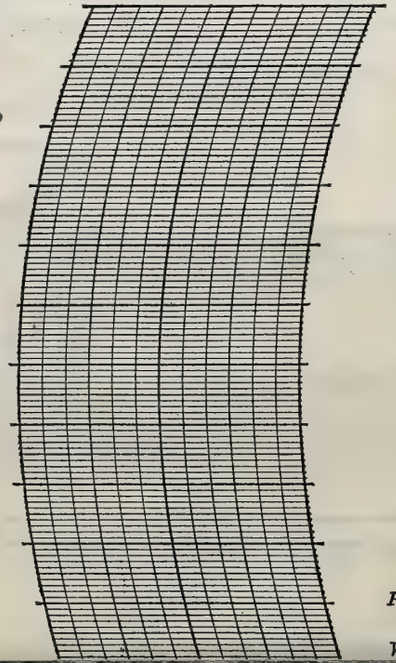
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 71.8 Wet temperature, 59.8
Dew-point, 52 R. humidity, 49 V. pressure, .387
Clouds: Amount, 4; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

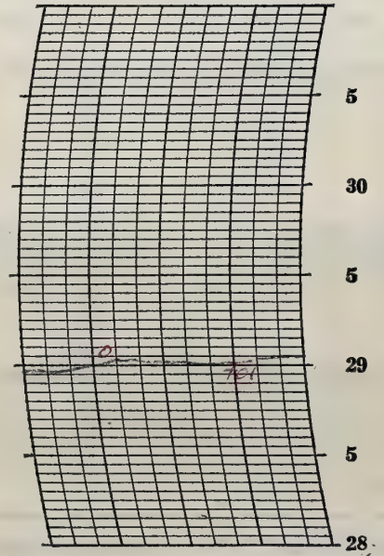
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by EZH

NOTES

Clear in the morning part cloudy in the afternoon, mostly clear at night, A moderate pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 20 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	62	62	60	61	62	65	71	73	76	79	80	81	83	82	81	82	80	79	74	72	71	68	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear			X		Part Cloudy											→
Sunshine (in tenths of hours)					0.85 / 0	1.0 / 0	1.0 / 0	1.0 / 0	0.6 / 0.4	1.0	1.0	1.0	1.0	1.0	0.8	0.9	1.0	1.0	0.3	0				
Wind direction	W	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	3	4	4	3	3	4	4	5	6	7	6	7	6	6	6	7	7	8	6	5	6	5	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:09 Character, Clear
Moonrise:
Sunset: Time, 2:16 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

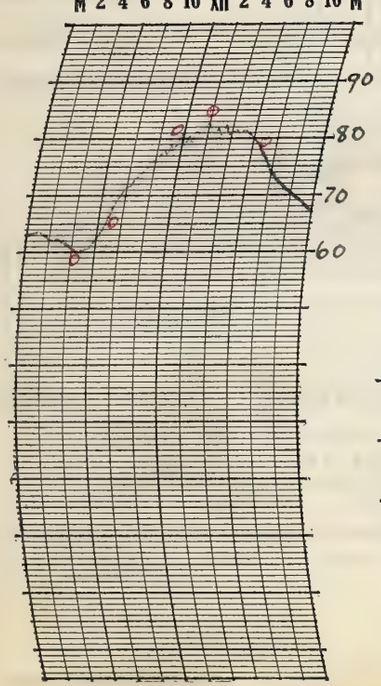
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	60	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 00 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 13.8 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 91
Prevailing wind direction, W Total wind, 125
Average hourly velocity, 5.2 Extreme velocity, 10
Maximum velocity, 10 Direction, NW
Time began, 5:03 pm.
Reduced barometer, 30.02 7 a. m. 29.91 7 p. m.
River gage, 3.0 feet
Relative humidity, 77 7 a. m. 48 7 p. m.

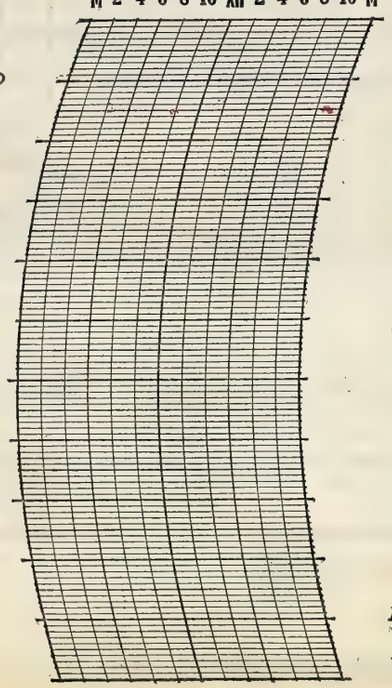
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 65.0
Dew-point, 56 R. humidity, 44 V. pressure, .448
Clouds: Amount, 5; Kind, cu; Direction, NW.
Velocity of clouds (miles per hour)

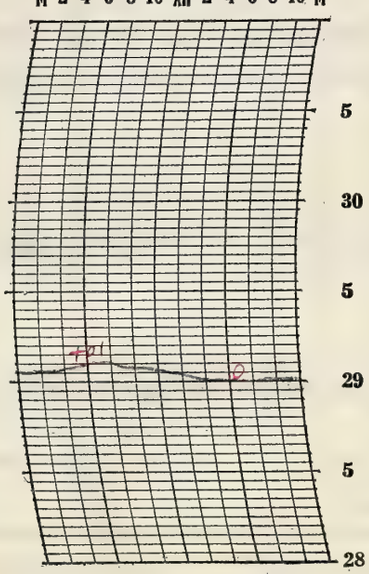
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by G.L.H.

8—486

NOTES

A clear to partly cloudy day. Warm. good visibility and broken ceilings.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 21 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	65	61	60	64	68	74	78	80	80	82
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear						X Partly	
Sunshine (in tenths of hours)					0.5 0	0.9 0.1	1.0 0	1.0 0	0.6 0.4	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	SW	SW	W	W	W	NW	W
Wind movement	2	1	3	3	4	4	3	5	7	7	9	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	84	85	84	83	82	80	76	73	71	70	71
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				X				Clear				→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0.37 0				
Wind direction	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	11	10	12	13	9	8	6	5	5	5	5

State of weather.

Sunrise: Time, 4:09 Character, Clear

Moonrise:

Sunset: Time, 7:16 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	60	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 2

Actual sunshine, hours, 15.1 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 100

Prevailing wind direction, NW Total wind, 155

Average hourly velocity, 6.5 Extreme velocity, 16

Maximum velocity, 16 Direction, NW

Time began, 4:20 p.m.

Reduced barometer, 29.89 7 a. m. 29.79 7 p. m.

River gage, 2.7 feet

Relative humidity, 57 7 a. m. 49 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

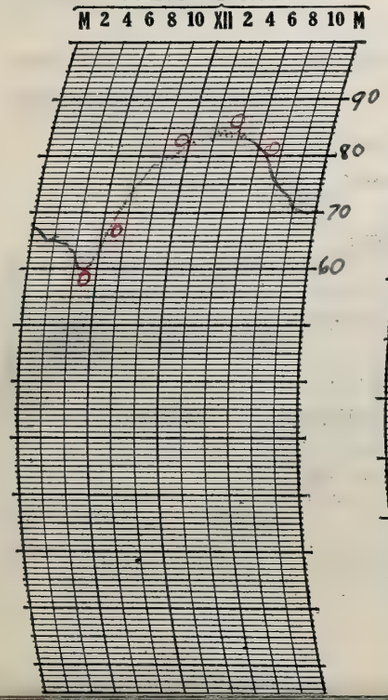
Dry temperature, 81.9 Wet temperature, 65.9

Dew-point, 57 R. humidity, 43 V. pressure, 465

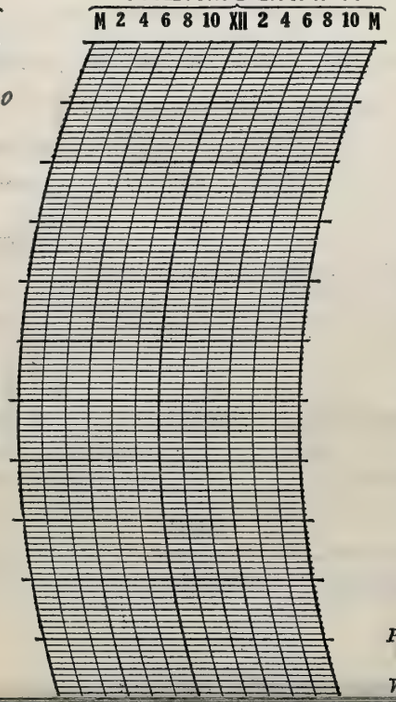
Clouds: Amount, 4; Kind, cu; Direction, NW

Velocity of clouds (miles per hour)

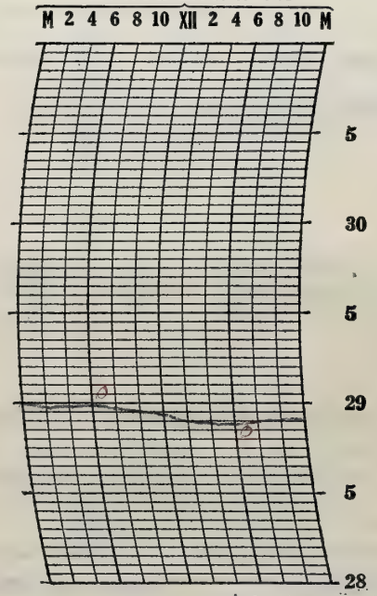
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.L.H.

NOTES

There were some cumulus clouds during the middle of the day, but as a rule the day was clear and beautiful. It was mostly clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 22 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	67	66	65	66	70	73	78	81	83	85
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear					Xpredy		
Sunshine (in tenths of hours)					0.85 0	0.5 0.5	1.0 0	1.0 0	0.6 0.4	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	N	N	NE	SW	W	W
Wind movement	6	5	3	4	3	3	4	4	2	4	4	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	87	85	86	85	87	85	84	80	79	78	77	76
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions		Xcldy			Xpcldy			Clear		Xpcldy		
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.8	0.3	0.6	0.6 0.2	0.27 0				
Wind direction	W	W	SW	SW	S	SW	S	S	SW	SW	SW	SW
Wind movement	7	8	7	4	4	4	2	1	2	1	2	1

State of weather.

Sunrise: Time, 4:09 Character, Clear

Moonrise:

Sunset: Time, 7:16 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	65	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 13.6 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 90

Prevailing wind direction, SW Total wind, 91

Average hourly velocity, 3.8 Extreme velocity, 10

Maximum velocity, 10 Direction, NW

Time began, 1:15 pm.

Reduced barometer, 29.86 7 a. m. 29.82 7 p. m.

River gage, 2.4 feet

Relative humidity, 62 7 a. m. 52 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

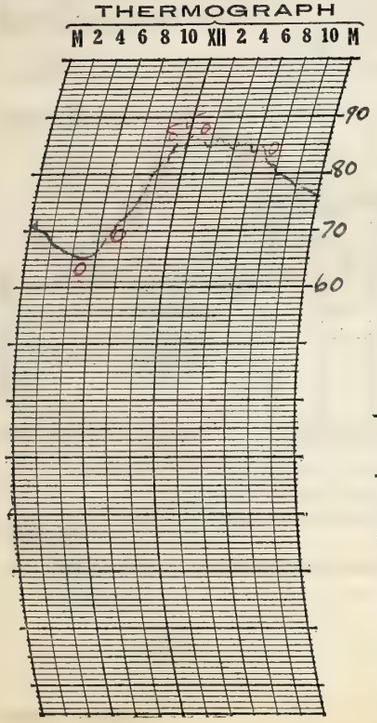
Dry temperature, 84.8 Wet temperature, 67.3

Dew-point, 58 R. humidity, 40 V. pressure, 48.2

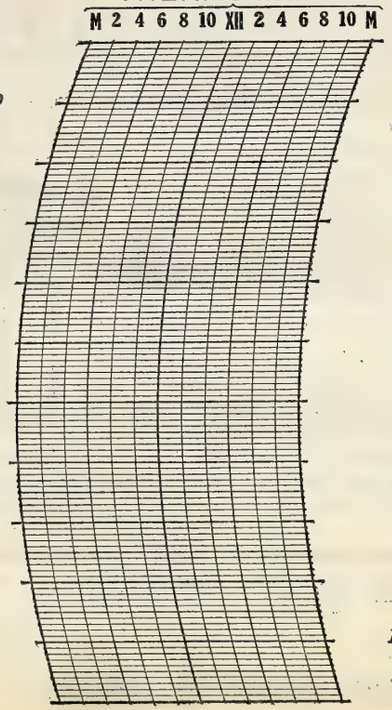
Clouds: Amount, 7; Kind, Cu et; Direction, NE

Velocity of clouds (miles per hour)

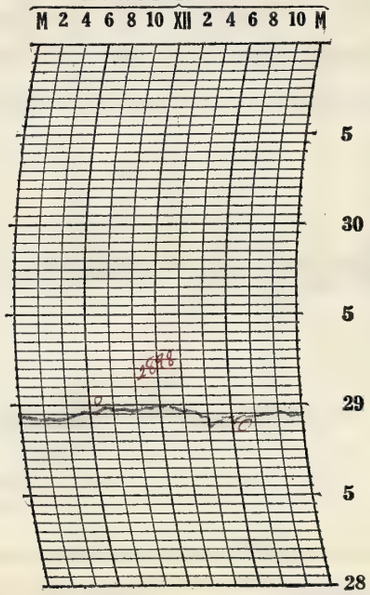
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by J.S.H.

8—486

NOTES

Clear in the morning, cloudy most of the afternoon and mostly clear at night. Good flying weather.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 23 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	74	73	73	73	72	73	76	80	83	86	88	91	93	94	95	94	91	86	85	84	84	84	83
State of weather: Nature of precipitation and time of beginning and ending																								RB 11:10 RE 11:30
Amounts of precipitation																								T
Cloudiness and other conditions					Cldy	Part	Cldy					Cldy	X			Part	Cloudy						X	Cldy

Sunrise: Time, 4:09 Character, Cloudy
Moonrise:
Sunset: Time, 7:17 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)					0	0	0	0	0.4	# 1.0	1.0	1.0	0.8	0.5	1.0	1.0	1.0	1.0	0.8	0				
Wind direction	S	S	S	S	S	SE	E	SE	SE	SE	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	7	9	7	5	5	5	9	11	12	12	12	12	11	15	13	13	13	11	9	11	11	10	11
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

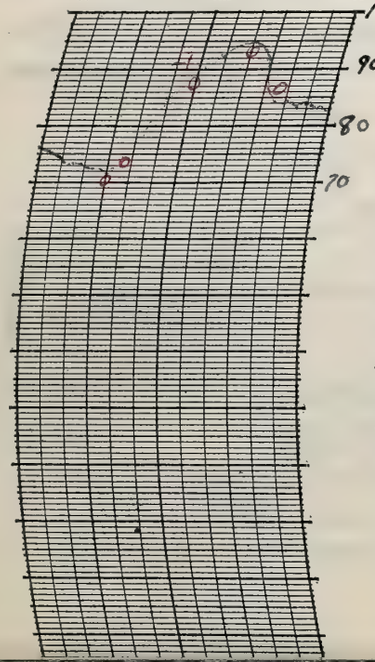
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
95	72	84	

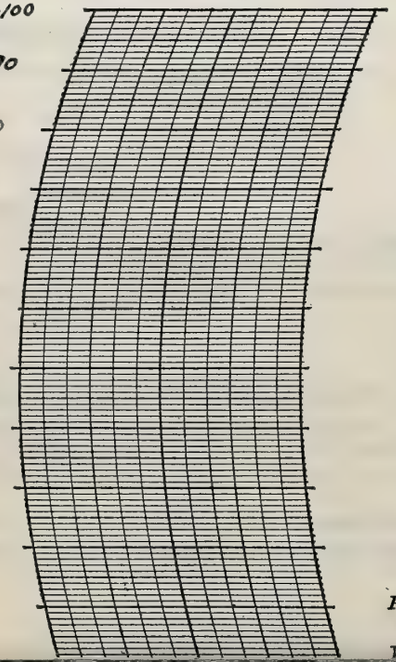
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 9.5 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 63
Prevailing wind direction, SW Total wind, 237
Average hourly velocity, 9.9 Extreme velocity, 18
Maximum velocity, 18 Direction, S
Time began, 11:17 am.
Reduced barometer, 29.83 7 a. m. 29.65 7 p. m.
River gage, 24 feet
Relative humidity, 49 7 a. m. 48 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 88.0 Wet temperature, 73.0
Dew-point, 66 R. humidity, 49 V. pressure, .638
Clouds: Amount, 5; Kind, Cu Direction, W
Velocity of clouds (miles per hour)

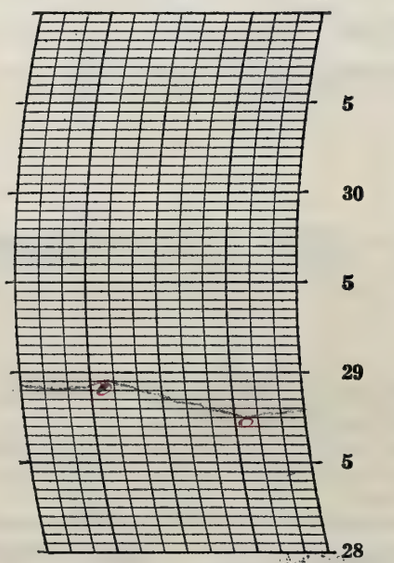
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

NOTES

Sunshine recorder changed from instrument shelter to roof of pent house 9:45 am.

A mostly cloudy day. However the sun shone through clouds much of the day. Cloudy and threatening at night with a light shower near midnight. Today was the hottest day this year and the hottest since
No deaths were reported.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 24 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	79	77	76	77	77	77	76	78	78	77	77
Nature of precipitation and time of beginning and ending		RB DN2		RE DN2								
Amounts of precipitation		T	T	T								
Cloudiness and other conditions					← Pt	dd4 X				Cloudy		
Sunshine (in tenths of hours)					Ø 0.83	1.0	0.6	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	W	W	NW	W	W	W	SW
Wind movement	9	10	11	8	5	7	7	9	8	8	7	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	81	82	83	82	81	79	74	71	69	62	65
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			X	Prty	X			Clear				→
Sunshine (in tenths of hours)	0.5	0.6	0.8	0.9	1.0	0.5 0.5	1.0 0	0.28 0				
Wind direction	W	W	NW	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	12	10	10	9	9	6	5	7	6	3	5

Maximum velocities (exceeding 24 miles) direction and time

Sunrise: Time, 4:10 Character, Clear
Moonrise:
Sunset: Time, 7:17 Character, Clear
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Part cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.5 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 56
Prevailing wind direction, W + NW Total wind, 184
Average hourly velocity, 7.7 Extreme velocity, 13
Maximum velocity, 13 Direction, NW
Time began, 2:29 pm.
Reduced barometer, 29.74 7 a. m. 29.84 7 p. m.
River gage, 2.0 fal
Relative humidity, 81 7 a. m. 57 7 p. m.

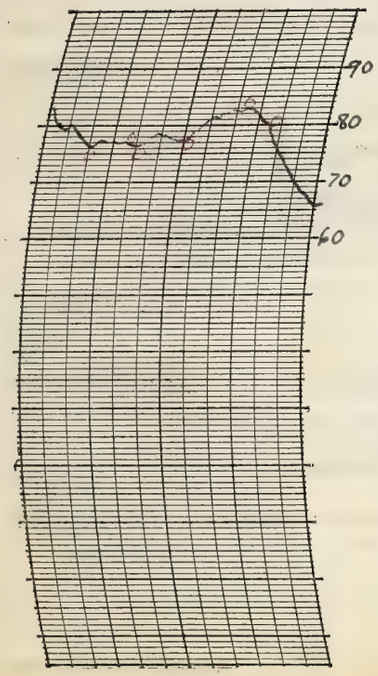
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

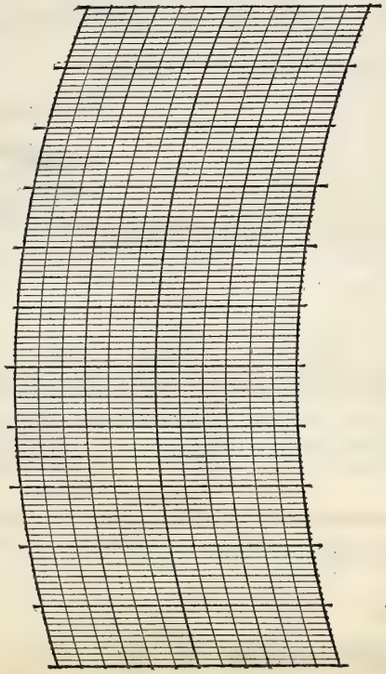
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 77.1 Wet temperature, 70.9
Dew-point, 68 R. humidity, 74 V. pressure, .684
Clouds: Amount, 10; Kind, St; Direction, SW
Velocity of clouds (miles per hour)

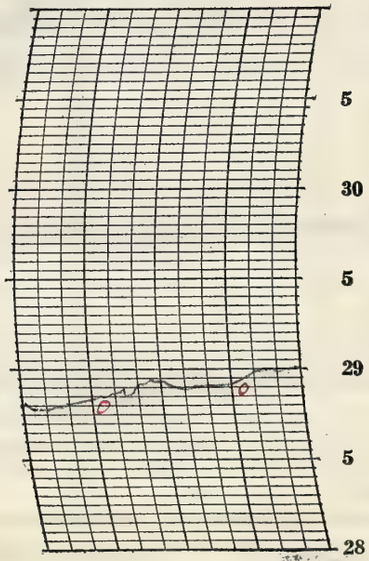
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by E.S.H.

8—486

NOTES

Ø sunshine shorted data interpolated.
Thunder first heard 2:10 pm.
A cloudy day threatening in the morning but clearing in the afternoon. Clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 25 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	63	62	62	61	65	68	73	76	79	81	84	89	91	88	87	86	84	83	80	77	76	75	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear								X Ptly		X Cloudy						X Ptly →			
Sunshine (in tenths of hours)					0.83 / 0	1.0 / 0	1.0 / 0	1.0 / 0	0.4 / 0.6	1.0	1.0	1.0	0.7	0.9	0.3	0	0	0	0	0				
Wind direction	NW	W	W	W	W	W	W	N	S	S	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S
Wind movement	3	3	2	2	1	1	2	2	4	5	7	5	8	7	7	8	8	7	6	7	7	5	6	6

Sunrise: Time, 4:10 Character, Clear
Moonrise:
Sunset: Time, 7:17 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

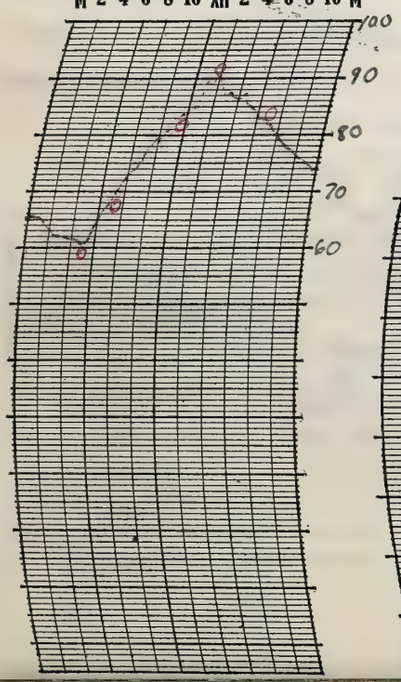
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	61	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 9.7 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 64
Prevailing wind direction, S Total wind, 119
Average hourly velocity, 5.0 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 1:38 pm.
Reduced barometer, 29.94 a. m. 29.81 p. m.
River gage, 2.0 flat
Relative humidity, 72 a. m. 58 p. m.

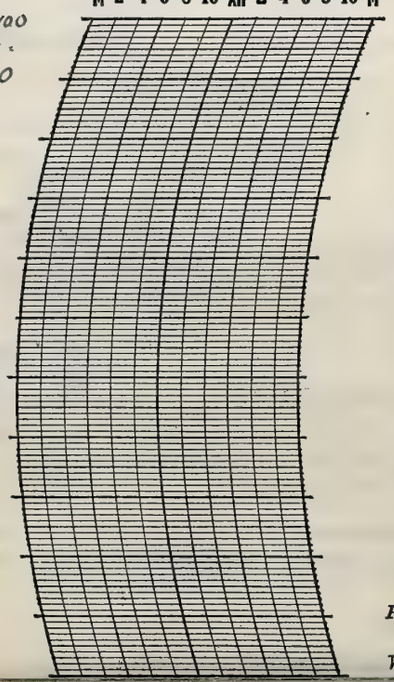
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 83.9 Wet temperature, 66.8
Dew-point, 58 R. humidity, 41 V. pressure, 48.2
Clouds: Amount, 3; Kind, 1 cu 2 cu; Direction, W W
Velocity of clouds (miles per hour)

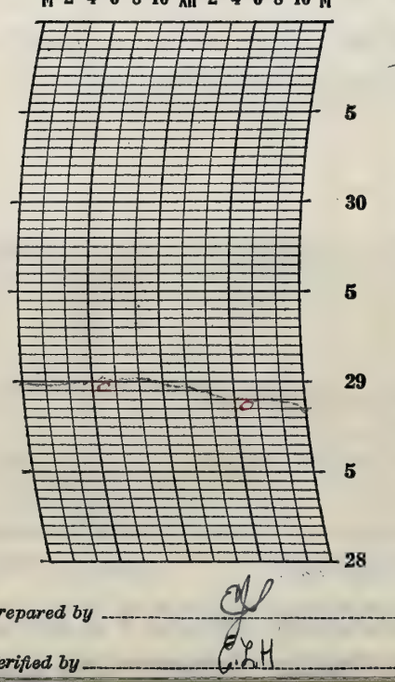
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

NOTES

Mostly clear in the morning followed by a cloudy afternoon. Cloudy at night. A very hot day but with some gentle wind and the heat was not noticed so much.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 26 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	73	75	74	72	66 RB 5:32	65	67 RB 7:30	71	75	77	78	79	79	78	74	73	71	70	67	67	64	63 RB 10.40 ⊕	62 #
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation						.14	.16	.01															.02	.04
Cloudiness and other conditions					←	Cloudy							→	Pt Cldy							×		Cldy	
Sunshine (in tenths of hours)					0	0	0	0	0.1	⊗ 0.8	0.8	0.8	0.9	0.8	0.6	0.1	0.6	0.2	0.2 0	0.28 0				
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	W	⊘ # SW	# SW	# SW	# SW	# SW	# SW	# SW	# W	# W	# W	# W	# W	# W	# W	# W
Wind movement	5	7	10	6	10	9	8	11	11	13	11	15	17	17	16	17	18	16	15	10	6	9	11	9

Sunrise: Time, 4:10 Character, Cloudy
Moonrise:
Sunset: Time, 7:17 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

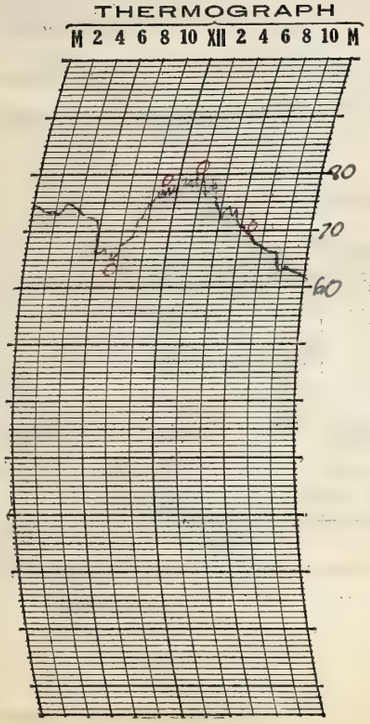
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	62	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .26 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .37 inches.
Character of day Part Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.2 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 41
Prevailing wind direction, SW Total wind, 277
Average hourly velocity, 11.5 Extreme velocity, 22
Maximum velocity, 21 Direction, SW
Time began, 12:30 pm.
Reduced barometer, 29.71 7 a. m. 29.78 7 p. m.
River gage, 1.3 feet
Relative humidity, 95 7 a. m. 68 7 p. m.

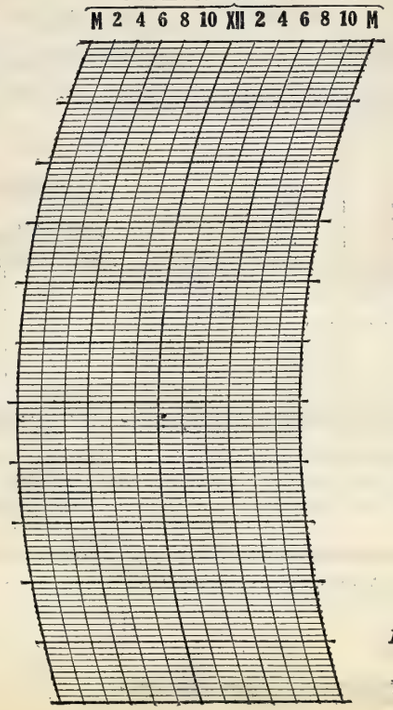
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.8 Wet temperature, 64.4
Dew-point, 62 R. humidity, 55 V. pressure, .555
Clouds: Amount, 5; Kind, cu.; Direction, W
Velocity of clouds (miles per hour)

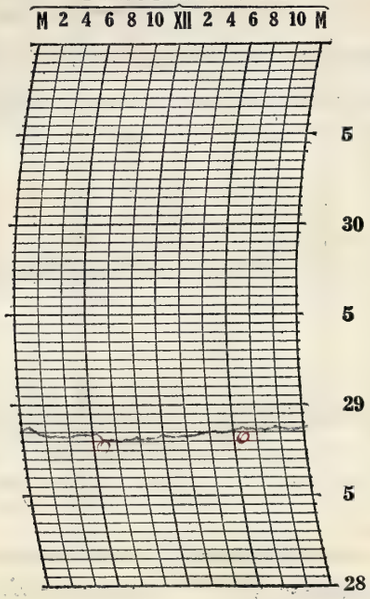
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by

8—486

NOTES

#9:07 am wind vane record interpolated due to moving by eye observation

⊘ anemometer changed to top of pent house.

⊗ sunshine recorder still on penthouse roof

Clear, from 6:45 pm to sunset, around the sun, but the sky as a whole was partly cloudy.

⊕ Rain gage disconnected hourly amounts estimated.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) East Wayne, Ind., (Day of week) Friday, (Date) JUN 27 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	59	59	59	61	64	66	71	74	77	78	80	81	82	83	78	77	74	75	68	66	64	61
State of weather: Nature of precipitation and time of beginning and ending	R CUS RF IN ⊕																							
Amounts of precipitation	.01																							
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)					0.8 ⊗	1.0 ⊗	1.0 ⊗	1.0 ⊗	1.0 ⊗	1.0 ⊗	1.0 ⊗	1.0 ⊗	1.0 ⊗	1.0 ⊗	1.0 ⊗	1.0 ⊗	1.0 ⊗	1.0 ⊗	1.0 ⊗	0.2 ⊗				
Wind direction	# NW	# NW	# NW	# NW	# NW	# NW	# N	# N	# N	# N	# N	# N	N	NE	N	NW	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	10	9	10	8	7	9	13	16	+ 15	+ 16	+ 16	+ 16	17	17	17	16	15	12	9	5	6	9	9	8
Maximum velocities (exceeding 24 miles) direction and time														26 S 1:04										

Sunrise: Time, 4:11 Character, Clear
Moonrise:
Sunset: Time, 7:17 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

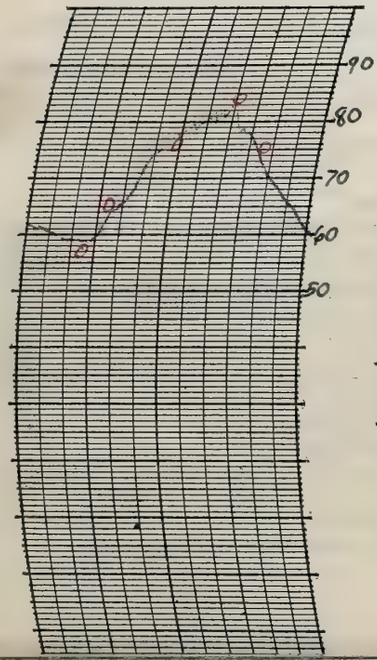
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	59	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 15.1 Possible sunshine, hours 15.1
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 285
Average hourly velocity, 11.9 Extreme velocity, 29
Maximum velocity, 26 Direction, S
Time began, 1:04 p.m.
Reduced barometer, 29.86 7 a. m. 29.87 7 p. m.
River gage, 1.3 feet
Relative humidity, 68 7 a. m. 45 7 p. m.

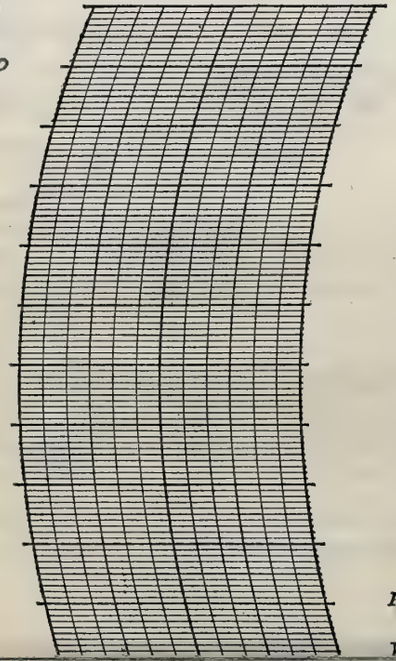
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.2 Wet temperature, 60.0
Dew-point, 47 R. humidity, 33 V. pressure, .322
Clouds: Amount, Few; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

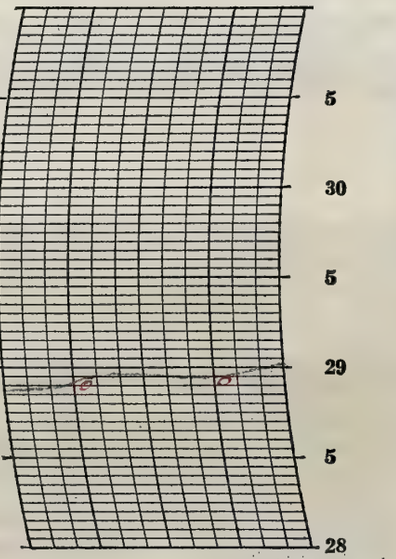
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH
Verified by C.L.H.

NOTES

⊗ observed sunshine

+ anemometer cups changed from Tri State Bldg. to Wayne Pharmacal. Extra anemometer 915 temporarily erected and data taken and corrected.

Wind vane record interpolated due to moving; by eye observation

⊕ Rain gage discovered hourly amounts estimated

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 28 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	55	52	52	52	53	55	60	65	67	68	70	71	73	74	75	75	74	74	71	69	65	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)					ø 0.8	ø 1.0	ø 1.0	ø 1.0	ø 1.0	ø 1.0	ø 1.0	ø 1.0	1.0	1.0	1.0	0.4 0.6	1.0 0	1.0 0	1.0 0	0.2 0				
Wind direction	N	N	N	N	N	N	N	E	NE	NE	NE	NE	NE	NE	N	NE	SE	E	E	ø E	ø E	ø SE	ø SE	ø SE
Wind movement	8	7	4	4	4	6	6	7	6	6	6	5	7	5	6	4	4	4	5	ø 4	ø 4	ø 5	ø 5	ø 5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:11 Character, Clear
Moonrise:
Sunset: Time, 7:12 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

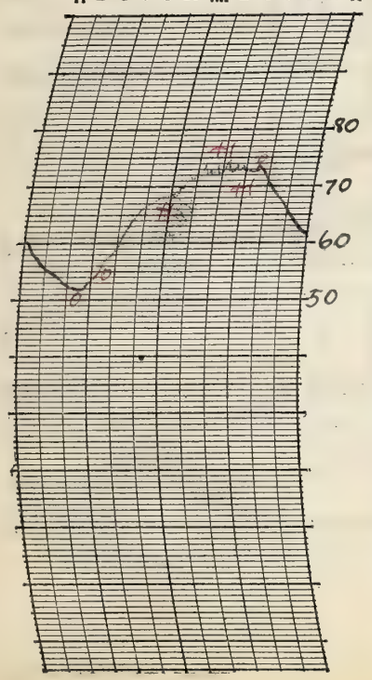
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 99
Prevailing wind direction, N Total wind, 127
Average hourly velocity, 5.3 Extreme velocity, 10
Maximum velocity, 10 Direction, NW
Time began, 12:54 am
Reduced barometer, 30.04 7 a. m. 30.01 7 p. m.
River gage, 1.8 fall
Relative humidity, 76 7 a. m. 41 7 p. m.

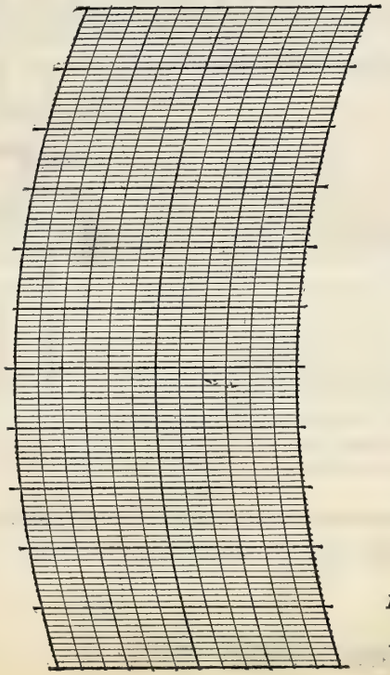
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 69.8 Wet temperature, 56.8
Dew-point, 47 R. humidity, 44 V. pressure, .322
Clouds: Amount, Few; Kind, Cu.; Direction, SW
Velocity of clouds (miles per hour)

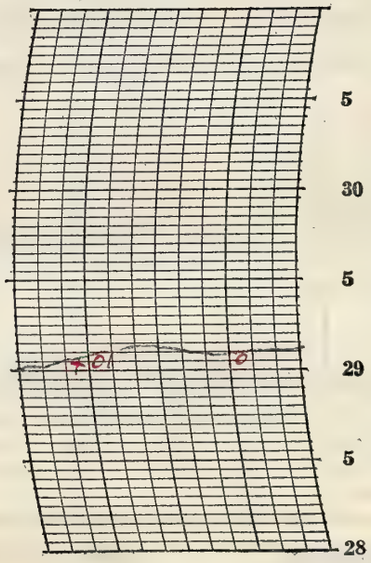
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.H.
Verified by E.D.H.

8—486

NOTES

Sunshine until 7:10 pm.
ø clock stopped data interpolated
Q observed sunshine
First observation taken at Wayne Pharmacal Bldg at 7:00 pm.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 29 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	57	57	60	65	72	77	81	84	87	88	89	90	90	90	88	86	85	83	81	79	76
State of weather: Nature of precipitation and time of beginning and ending																								RB 11:40
Amounts of precipitation																								T
Cloudiness and other conditions	← Clear											~~xp~~ Cldy →												
Sunshine (in tenths of hours)	Ø	Ø			0.82 0	1.0 0	1.0 0	1.0	1.0	1.0	1.0	1.0	0.6	0.6	0.1	0.2	0	0	0	0				
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	S	S	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S
Wind movement	Ø 5	Ø 6	5	6	4	4	8	9	12	15	15	14	13	13	11	14	12	11	8	9	9	7	8	9

Sunrise: Time, 4:11 Character, Clear

Moonrise:

Sunset: Time, 7:17 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	57	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 9.3 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 62

Prevailing wind direction, S Total wind, 227

Average hourly velocity, 9.5 Extreme velocity, 18

Maximum velocity, 18 Direction, S

Time began, 9:37 am.

Reduced barometer, 30.04 a. m. 29.93 p. m.

River gage, 1.8 feet

Relative humidity, 61 a. m. 39 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

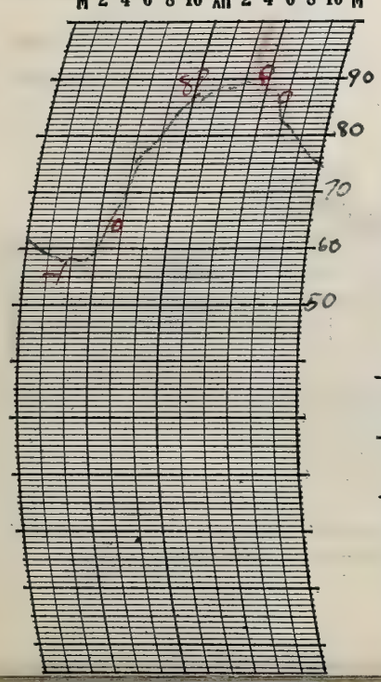
Dry temperature, 87.0 Wet temperature, 66.1

Dew-point, 54 R. humidity, 32 V. pressure, .412

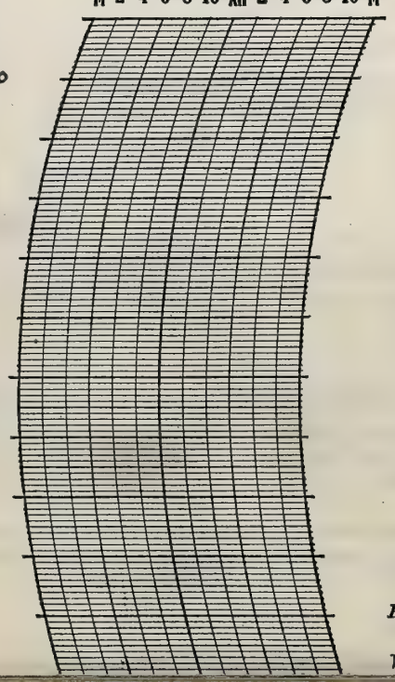
Clouds: Amount, 4; Kind, cu; Direction, SW

Velocity of clouds (miles per hour)

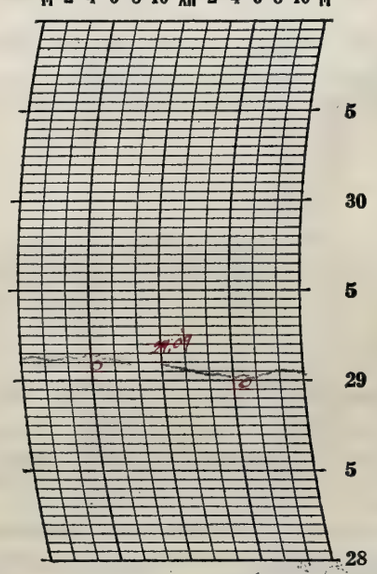
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.L.H

NOTES

*clock stopped data interpolated

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) JUN 30 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	75	76	74	73	72	72	69	71	72	74	77
Nature of precipitation and time of beginning and ending	R ent	RE 0N2					RB 6:05		RE 7:00			
Amounts of precipitation	T	.01					T	.03	.01			
Cloudiness and other conditions	← Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.5
Wind direction	S	S	SW	SW	S	S	S	SW	SW	S	SW	SW
Wind movement	8	9	9	7	6	8	7	7	9	13	12	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	78	78	79	78	76	76	72	71	69	68	67
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy →											
Sunshine (in tenths of hours)	0.8	0.5	0.2	0.3	0.2	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	13	14	14	13	9	8	7	7	7	6	6

State of weather.

Sunrise: Time, 4:12 Character, Cloudy

Moonrise:

Sunset: Time, 7:17 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	67	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .05 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 5.0 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 33

Prevailing wind direction, SW Total wind, 229

Average hourly velocity, 7.5 Extreme velocity, 20

Maximum velocity, 19 Direction, SW

Time began, 11:08 am.

Reduced barometer, 30.00 a. m. 29.91 p. m.

River gage, 1.8 feet

Relative humidity, 69 a. m. 64 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

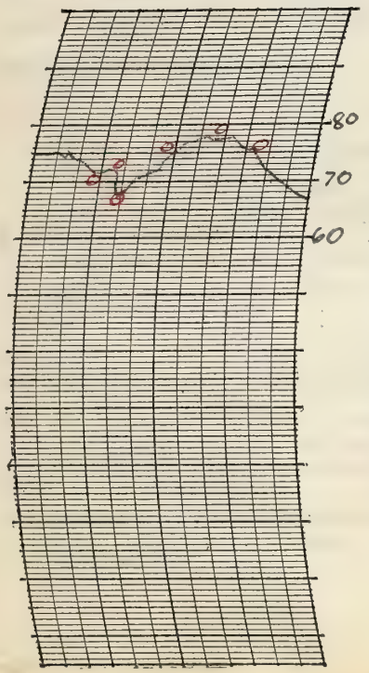
Dry temperature, 76.6 Wet temperature, 67.0

Dew-point, 62 R. humidity, 61 V. pressure, .555

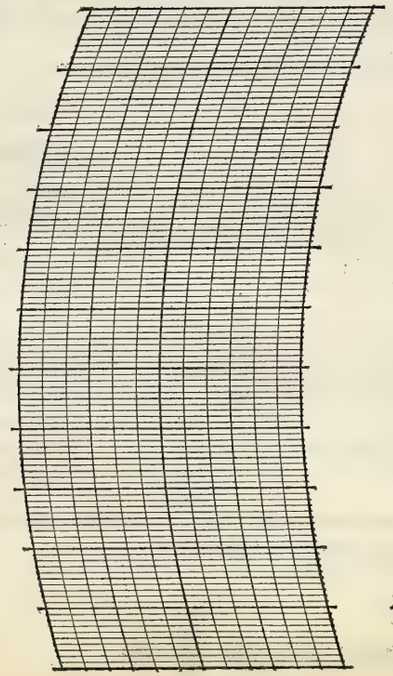
Clouds: Amount, 7; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

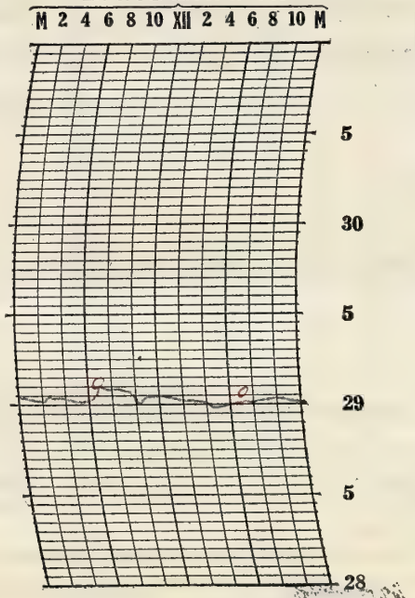
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJH

Verified by E.S.H.

8—486

NOTES

Sunshine to 6:55 p.m.
A cloudy threatening day partly cloudy at night. Ceilings fairly high and visibility fair

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) JUL 1 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	67	66	64	65	68	69	71	72	72	73	73	72	71	70	68	66	65	59	57	56	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear						×	Partly					×		Clear					→
Sunshine (in tenths of hours)					0.80 0	1.0 0	0.8 0.2	1.0	0.5	0.8	0.7	0.8	0.7	0.3	0.1	0	0.5 0	1.0 0	1.0 0	0.28 0				
Wind direction	SW	SW	W	W	W	SW	W	W	W	W	W	W	NW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	5	4	6	5	4	4	6	6	8	12	12	12	16	16	16	18	16	12	14	11	8	6	5	5

Sunrise: Time, 4:12 Character, Clear
Moonrise:
Sunset: Time, 7:12 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

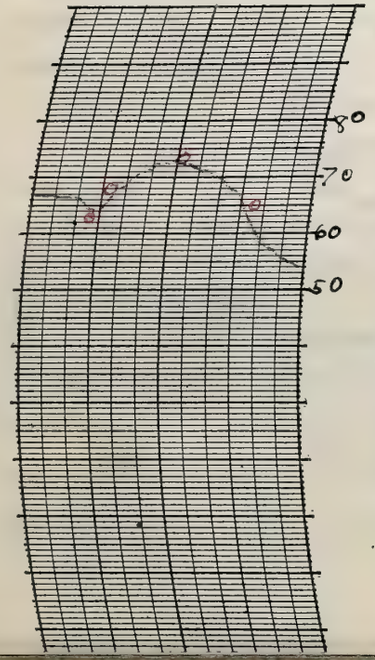
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	54	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.5 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 70
Prevailing wind direction, W Total wind, 232
Average hourly velocity, 9.7 Extreme velocity, 23
Maximum velocity, 22 Direction, NW
Time began, 3:38 pm.
Reduced barometer, 29.94 a. m., 29.96 p. m.
River gage, 1.8 feet
Relative humidity, 69 a. m. 50 p. m.

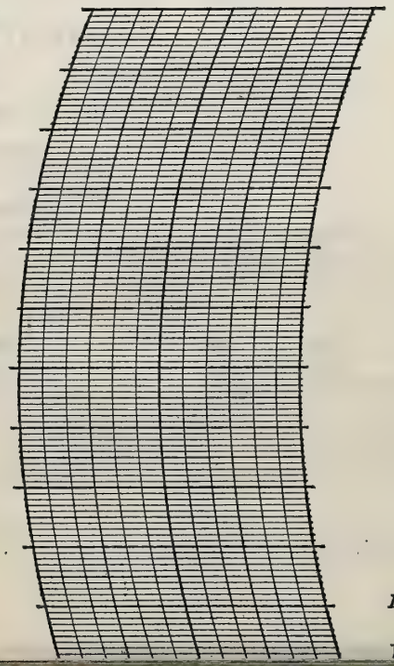
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.8 Wet temperature, 61.8
Dew-point, 55 R. humidity, 54 V. pressure, 432
Clouds: Amount, 5; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

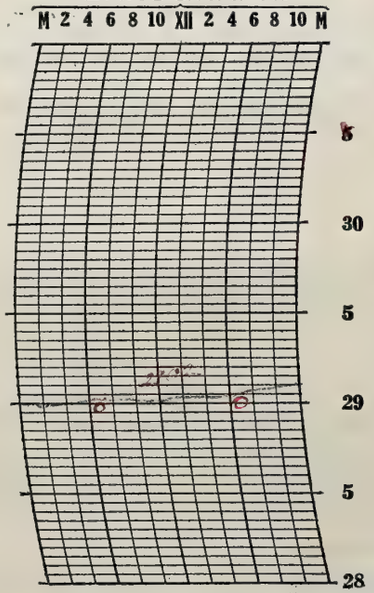
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ
Verified by EJH

NOTES

Sunshine from 4:30 pm to sunset

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind. (Day of week) Wednesday, (Date) JUL 2 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	52	51	52	56	58	62	63	64	65	65
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear				~~Pt Cldy~~	~~Cldy~~		
Sunshine (in tenths of hours)					0.75 0	1.0 0	0.9 0.1	0.8	1.0	0.9	0.8	0.8
Wind direction	NW	NW	NW	NW	NW	NW	N	N	NW	NW	N	N
Wind movement	5	6	7	6	6	8	8	11	14	14	13	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	69	70	69	68	68	68	66	64	63	58	58
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					~~Pt Cldy~~				→			
Sunshine (in tenths of hours)	0.6	0.6	0.3	0.2	0	0.5 0	1.0 0	0.25 0				
Wind direction	N	N	N	N	N	NE	NE	N	NE	NE	NE	N
Wind movement	12	12	10	9	8	7	7	3	3	2	3	2

Sunrise: Time, 4:13 Character, Clear

Moonrise: ---

Sunset: Time, 7:17 Character, Clear

Moonset: ---

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	51	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Part Cloudy Moon phase, ---

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 10.6 Possible sunshine, hours, 15.1

Per cent of possible sunshine, 70

Prevailing wind direction, N Total wind, 189

Average hourly velocity, 7.9 Extreme velocity, 18

Maximum velocity, 17 Direction, NW

Time began, 9:23 pm.

Reduced barometer, 30.06 7 a. m. 30.04 7 p. m.

River gage, 1.7 fall

Relative humidity, 64 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

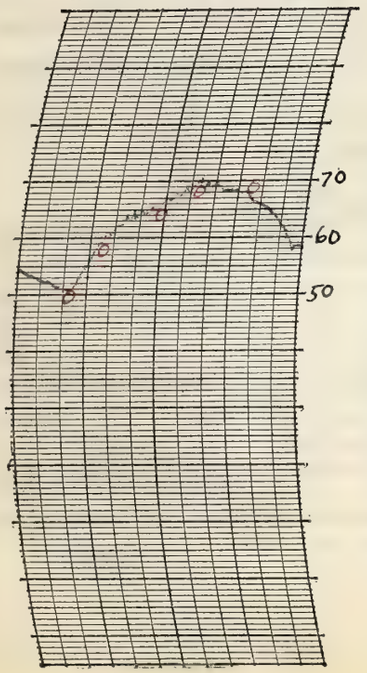
Dry temperature, 65.4 Wet temperature, 54.0

Dew-point, 45 R. humidity, 47 B. pressure, 29.95

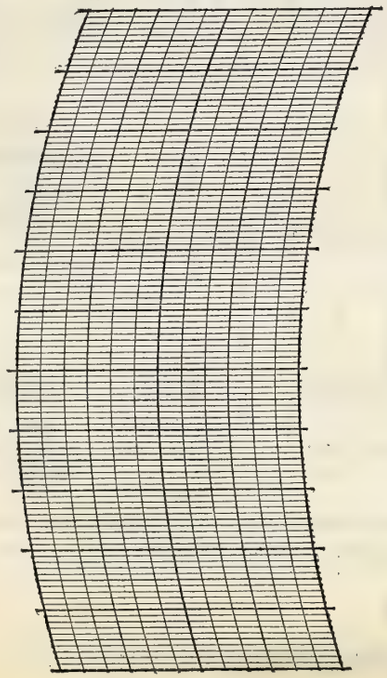
Clouds: Amount, 2; Kind, cu.; Direction, NW

Velocity of clouds (miles per hour)

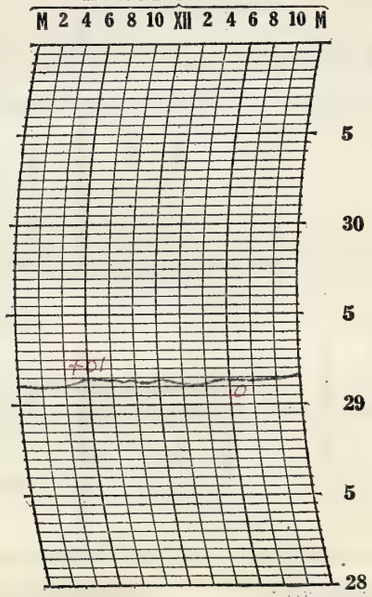
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

Sunshine from 5:30 pm to sunset.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 3 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	54	52	52	59	61	67	69	72	73	74	75	76	78	77	77	72	76	71	67	65	62	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear				→						Part Cloudy									→
Sunshine (in tenths of hours)					0.75 / 0	1.0 / 0	0.5 / 0.5	0.5	1.0	1.0	0.6	0.7	1.0	0.4	0.6	0.8	0.4	0.5 / 0	1.0 / 0	0.75 / 0				
Wind direction	NE	NE	N	N	N	N	N	N	N	E	NE	N	N	W	NE	N	NE	N	N	NE	E	E	E	E
Wind movement	3	2	2	3	3	2	1	2	3	4	5	5	5	4	5	5	5	4	4	5	9	9	8	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:13 Character, Clear
Moonrise:
Sunset: Time, 7:17 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

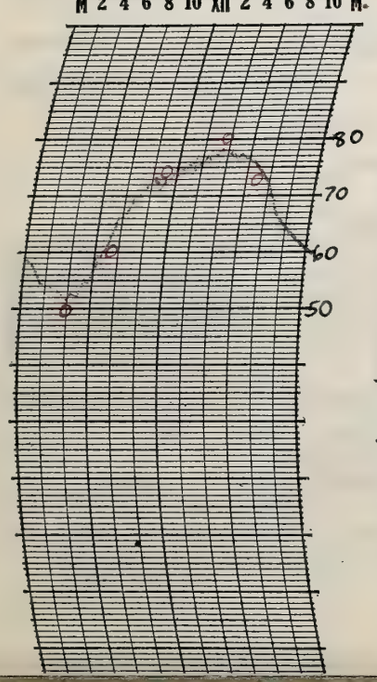
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	52	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.6 Possible sunshine, hours, 15.1
Per cent of possible sunshine, 77
Prevailing wind direction, N Total wind, 104
Average hourly velocity, 4.3 Extreme velocity, 12
Maximum velocity, 12 Direction, E
Time began, 8:39 pm
Reduced barometer, 30.14 7 a. m. 30.12 7 p. m.
River gage, 1.7 feet
Relative humidity, 59 7 a. m. 32 7 p. m.

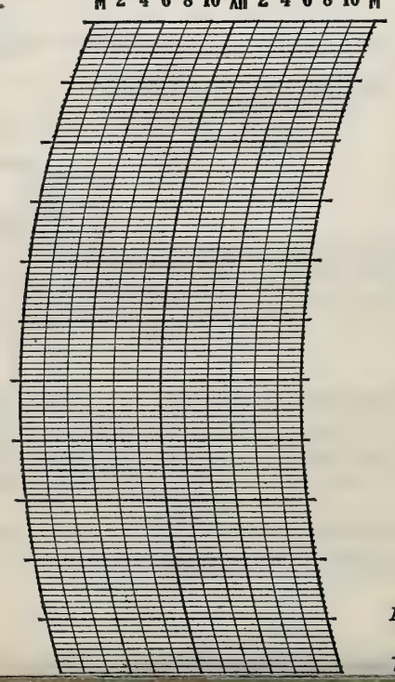
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 74.0 Wet temperature, 57.9
Dew-point, 46 R. humidity, 37 V. pressure, .310
Clouds: Amount, 4; Kind, Cu; Direction, NE
Velocity of clouds (miles per hour)

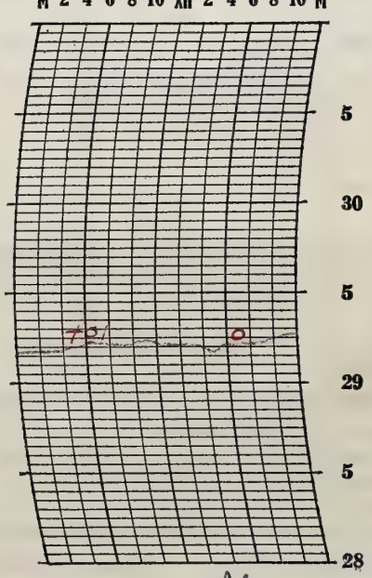
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

NOTES

Sunshine from 6:30 pm to sunset

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) July 4 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	56	56	59	62	68	70	73	76	78	79	80	81	81	80	80	79	76	73	72	71	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear								Partly		Cloudy							→
Sunshine (in tenths of hours)					0.77 0	1.0 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0	0	0	0	0				
Wind direction	E	E	E	E	E	E	SE	SE	SE	SE	SE	S	SW	SE	SE	S	S	SE	SE	SE	SE	SE	SE	S
Wind movement	7	6	6	4	3	4	6	8	10	9	6	6	5	6	7	5	7	4	4	5	7	8	10	9
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:14 Character, Clear
Moonrise:
Sunset: Time, 7:16 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

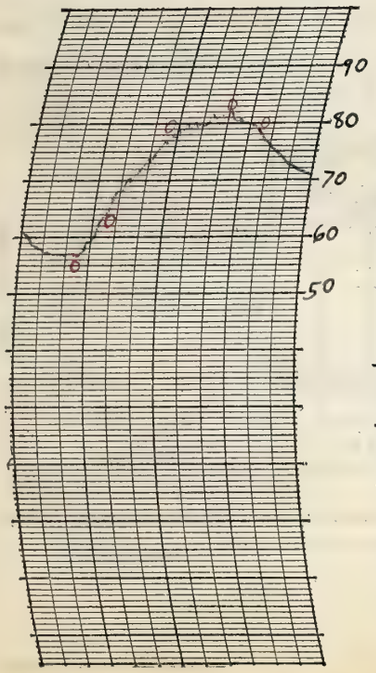
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	56	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 10.1 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 67
Prevailing wind direction, SE Total wind, 152
Average hourly velocity, 6.3 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 11:04 p.m.
Reduced barometer 30.24 7 a. m. 30.12 7 p. m.
River gage, 1.5 fall
Relative humidity, 60 7 a. m. 35 7 p. m.

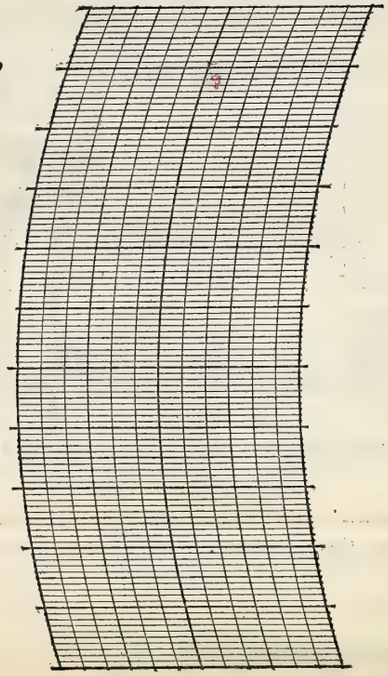
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.0 Wet temperature, 69.8
Dew-point, 47 R. humidity, 33 V. pressure, .322
Clouds: Amount, 1; Kind, Cirrus; Direction, NW
Velocity of clouds (miles per hour)

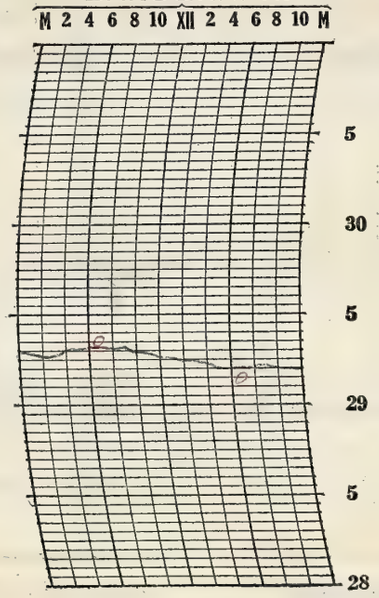
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJP
Verified by E.L.H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) JUL 5 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	68	66	67	66	67	72	74	73	69	65
Nature of precipitation and time of beginning and ending				RB 2:42			RE 6:05			RB 9:30 RE 9:30	RB 10:55	
Amounts of precipitation				.01	.03	.02	T			T	T	.04
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	SW	SW	W	SW
Wind movement	5	5	5	6	6	7	6	6	9	8	11	7

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	69	71	75	76	76	74	72	72	71	71	70
Nature of precipitation and time of beginning and ending	RE 12:50			RB 2:00 RE 2:30								
Amounts of precipitation	.01			.02								
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	SW	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	4	5	6	9	9	8	6	6	7	7	6

State of weather.

Sunrise: Time, 4:15 Character, Cloudy

Moonrise:

Sunset: Time, 7:16 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	65	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, .16 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 15.0

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 160

Average hourly velocity, 6.7 Extreme velocity, 16

Maximum velocity, 16 Direction, W

Time began, 10:20 am

Reduced barometer, 30.06 7 a. m., 29.98 7 p. m.

River gage, 1.5 feet

Relative humidity, 69 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

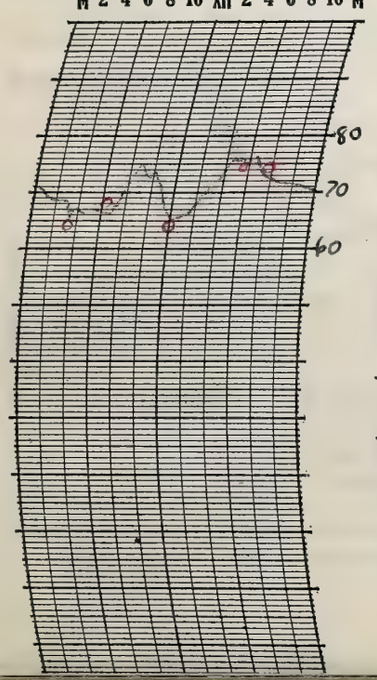
Dry temperature, 65.0 Wet temperature, 63.8

Dew-point, 63 R. humidity, 94 V. pressure, 5.25

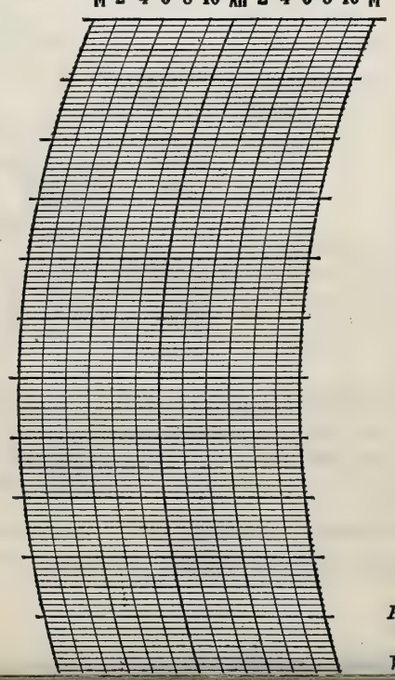
Clouds: Amount, 10; Kind, st; Direction, SW

Velocity of clouds (miles per hour)

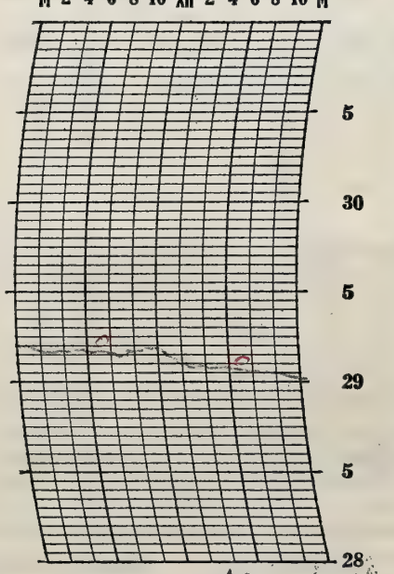
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by C.L.H.

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 6 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	70	70	70	71	74	75	78	82	85	86	87	89	90	89	88	83	82	78	74	72	71	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Cloudy		×		Pt Cldy			×	Clear		×		Pt Cldy						→
Sunrise: Time, 4:15 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 7:46 Character, Clear																								
Moonset:																								
Sunshine (in tenths of hours)					0	0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	1.0 0	1.0 0	1.0 0	0.27 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	5	5	6	5	5	5	11	10	10	11	12	10	11	16	16	16	16	14	12	6	6	5	5	2
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
90	70	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 11.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 73
Prevailing wind direction, SW Total wind, 220
Average hourly velocity, 9.2 Extreme velocity, 20
Maximum velocity, 19 Direction, NW
Time began, 3:27 pm.
Reduced barometer, 29.88 7 a. m. 29.80 7 p. m.
River gage, 1.5 fall
Relative humidity, 78 7 a. m. 52 7 p. m.

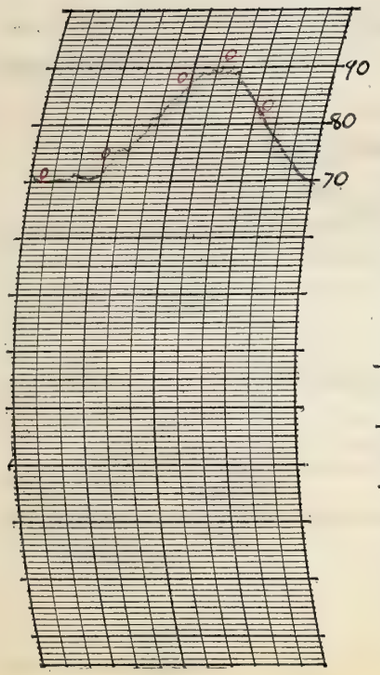
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

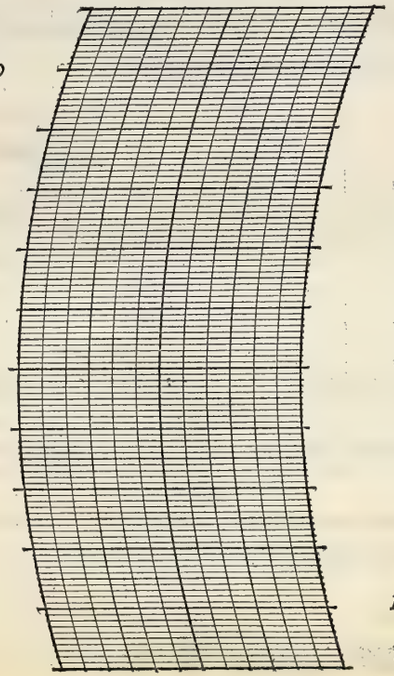
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 86.4 Wet temperature, 73.2
Dew-point, 67 R. humidity, 54 V. pressure, 6.61
Clouds: Amount, 4; Kind, ci; Direction, W
Velocity of clouds (miles per hour)

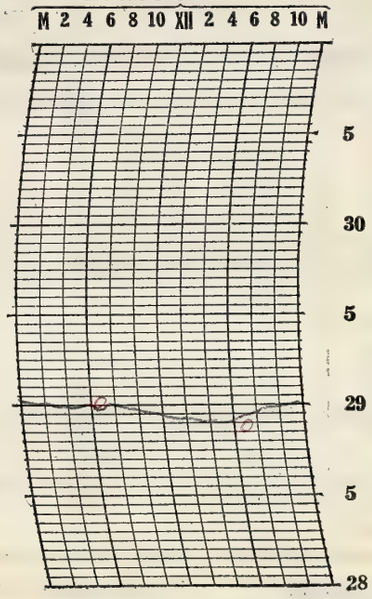
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 7 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	65	63	62	61	64	68	72	74	77	79	80	81	83	84	85	85	84	82	78	75	70	69	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)					0.73 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	1.0 0	0.27 0				
Wind direction	NW	NW	NW	NW	NW	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N
Wind movement	2	2	5	2	5	4	3	4	6	6	10	12	11	11	12	9	9	8	6	4	3	3	4	3

Sunrise: Time, 4:16 Character, Clear
Moonrise:
Sunset: Time, 7:16 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

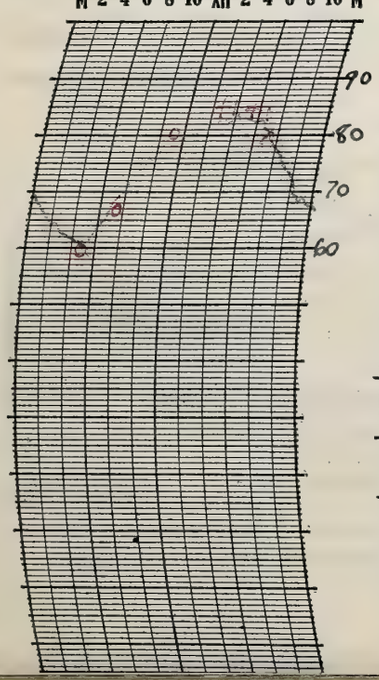
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	61	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 15.0 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 144
Average hourly velocity, 6.0 Extreme velocity, 12
Maximum velocity, 16 Direction, NW
Time began, 11:40 pm.
Reduced barometer, 30.02 7 a. m., 30.04 7 p. m.
River gage, 1.4 feet
Relative humidity, 67 7 a. m. 34 7 p. m.

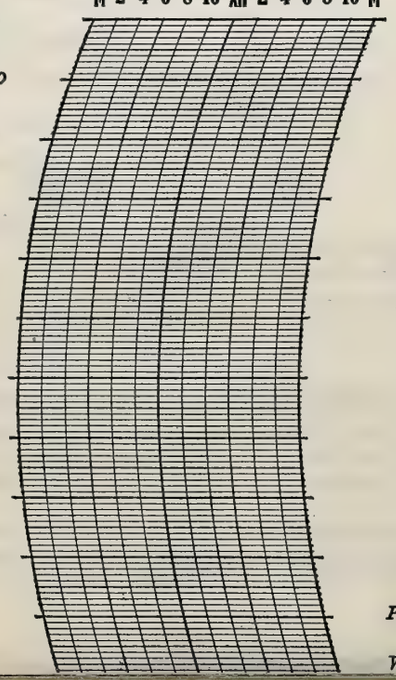
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.6 Wet temperature, 62.8
Dew-point, 52 R. humidity, 38 V. pressure, .387
Clouds: Amount, Few; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

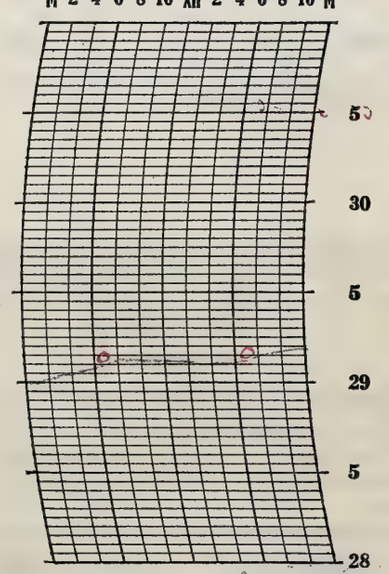
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 8 1930, 193

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	64	64	62	64	68	74	79	80	83	85	87	88	89	88	89	86	85	81	77	76	73	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt Cldy		Clear			Part			Cloudy						Cldy		Pt Cldy			
Sunshine (in tenths of hours)					0.73 / 0	1.0 / 0	0.3 / 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 / 0.7	1.0 / 0	1.0 / 0	0.3 / 0	0				
Wind direction	N	N	N	N	N	NE	E	E	S	SW	W	N	N	W	SW	SE	SW	SW	W	W	W	W	W	W
Wind movement	3	3	2	3	4	6	2	2	2	4	3	4	4	5	4	4	1	4	3	4	3	5	3	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:16 Character, Clear
Moonrise:
Sunset: Time, 7:15 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

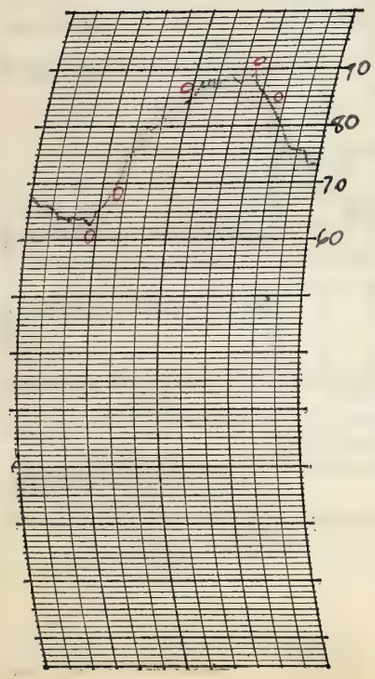
	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	90	62	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Part Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 13.8 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 92
Prevailing wind direction, W Total wind, 8.2
Average hourly velocity, 3.4 Extreme velocity, 6
Maximum velocity, 6 Direction, N
Time began, 9:14 pm.
Reduced barometer, 30.14 7 a. m. 30.04 7 p. m.
River gage, 1.5 fat
Relative humidity, 62 7 a. m. 33 7 p. m.

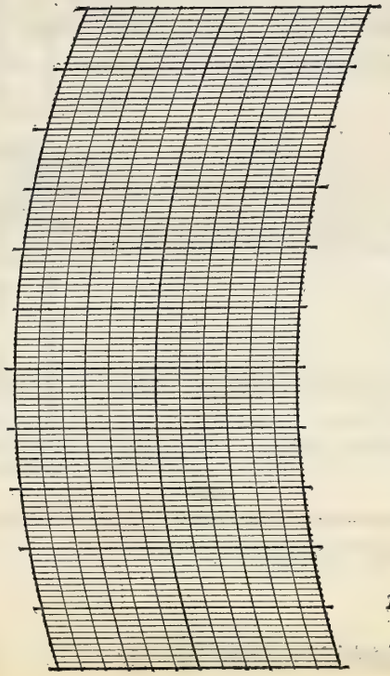
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.6 Wet temperature, 65.6
Dew-point, 54 R. humidity, 36 V. pressure, .417
Clouds: Amount, 2; Kind, Cirr; Direction, W
Velocity of clouds (miles per hour)

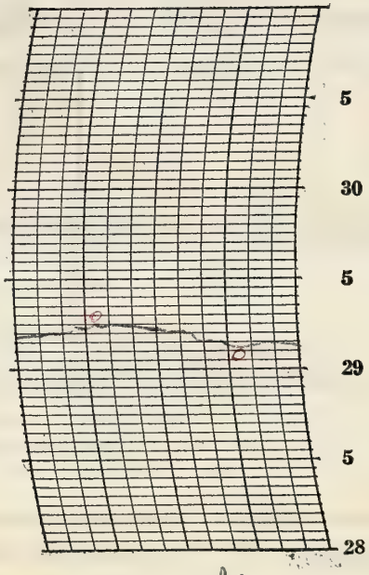
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 9 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	72	72	70	73	75	80	82	85	87	88	91	91	92	91	90	88	86	81	79	77	75	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Part Cloudy													× Clear		×		Pt Cldy →		
Sunrise: Time, 4:17 Character, Clear																					Sunset: Time, 7:45 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.72 0	1.0 0	0.8 0.1	0.9	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6 0.2	1.0 0	0.2 0				
Wind direction	SW	W	W	NE	0	NE	NE	SW	NW	W	W	W	W	W	NW	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	4	3	3	0	1	3	2	5	6	6	8	9	12	14	15	13	13	11	6	8	8	6	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

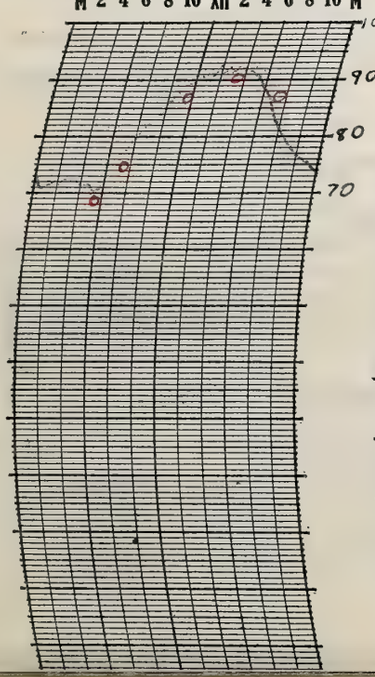
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	70	81	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 14.3 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 95
Prevailing wind direction, W & NW Total wind, 166
Average hourly velocity, 6.9 Extreme velocity, 19
Maximum velocity, 18 Direction, NW
Time began, 3:04 pm
Reduced barometer, 30.00 7 a. m. 29.90 7 p. m.
River gage, 1.2 feet
Relative humidity, 70 7 a. m. 45 7 p. m.

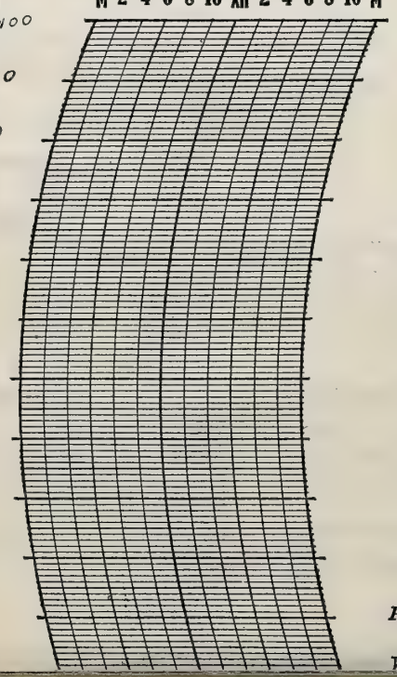
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 88.2 Wet temperature, 72.0
Dew-point, 2 R. humidity, Cu V. pressure, NW
Clouds: Amount, 6.5; Kind, 4.6; Direction, 6.16
Velocity of clouds (miles per hour)

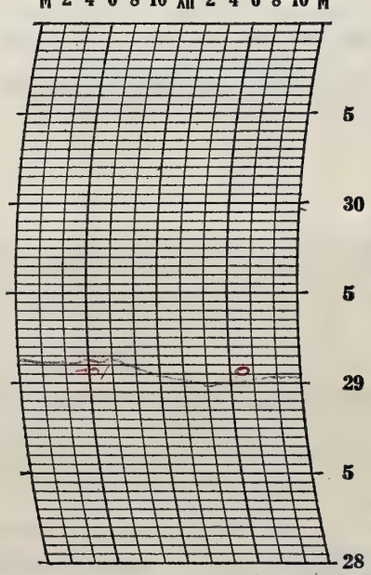
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by JJ

Verified by E.H.

NOTES

A hot day. The sun shone through upper clouds most of the day - and the day as a whole was partly cloudy. Partly cloudy and hot at night. The air was very rough

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 10 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	70	68	70	73	76	79	81	83	85	88	82	82	88	86	84	83	80	78	76	74	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			P. Cldy							×	Cloudy				×	P. Cldy			→
Sunshine (in tenths of hours)					0.70 / 0	0.9 / 0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.9	0.5	0.5 / 0	0.4 / 0	0.3 / 0	0				
Wind direction	NW	N	NE	NE	NE	NE	NE	NE	E	E	NE	N	NE	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	5	5	4	3	4	6	7	6	5	5	4	3	3	5	4	5	6	5	5	4	3	3	4

Sunrise: Time, 4:18 Character, Clear
Moonrise:
Sunset: Time, 7:15 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

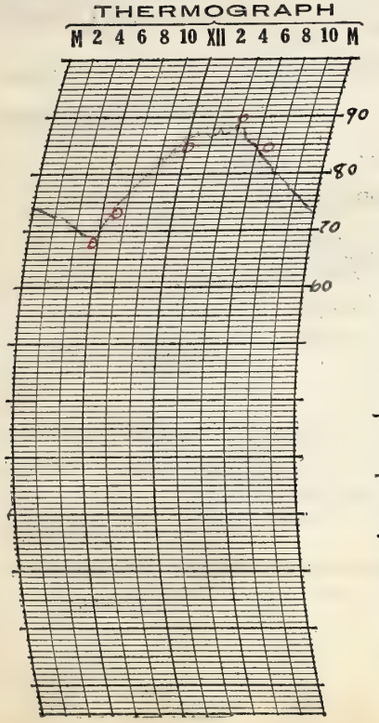
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	68	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 12.1 Possible sunshine, hours, 15.0
Per cent of possible sunshine, 81
Prevailing wind direction, SW Total wind, 108
Average hourly velocity, 4.5 Extreme velocity, 8
Maximum velocity, 8 Direction, E
Time began, 7:59 a.m.
Reduced barometer, 30.02 7 a. m. 29.86 7 p. m.
River gage, 1.2 feet
Relative humidity, 73 7 a. m. 40 7 p. m.

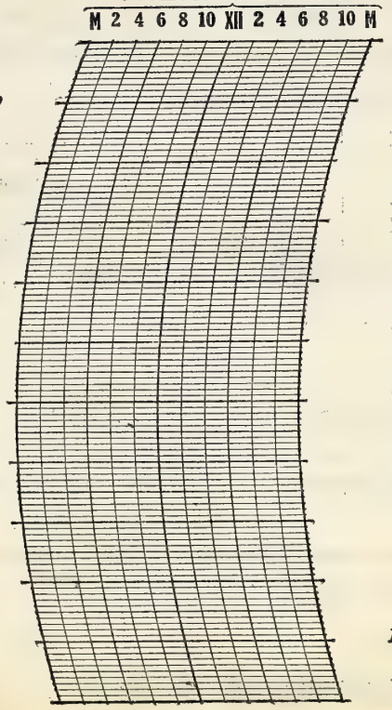
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 85.0 Wet temperature, 65.2
Dew-point, 53 R. humidity, 33 V. pressure, .492
Clouds: Amount, 4; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

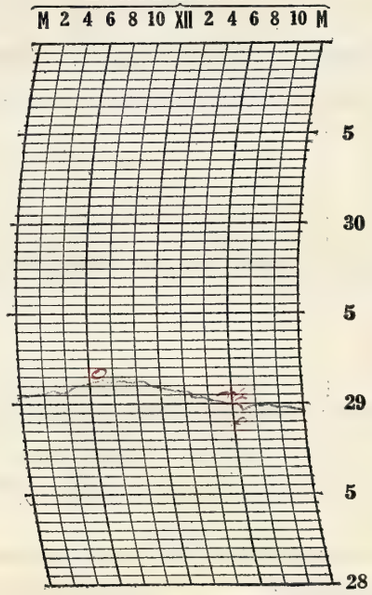
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

The day was partly cloudy, mostly all upper clouds and sun shone through them. Partly cloudy at night. The humidity was low and a northerly gentle wind helped a great deal and the heat was not noticed so much.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 11 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	70	70	70	72	74	80	83	85	87	88	90	91	92	91	89	86	85	81	79	77	74	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cldy					X			Clear						X	Cldy				
Sunrise: Time, Character,	4:18 Clear																				Sunset: Time, Character, 7:14 Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0.70 0	1.0 0	0.4 0.4	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 1.0	1.0 0	1.0 0	0.23 0				
Wind direction	SW	SW	SW	SW	SW	W	N	N	N	N	NW	N	NW	NW	NW	N	N	N	NE	NE	NE	NE	NE	NE
Wind movement	5	4	6	4	3	4	7	7	6	6	9	9	11	11	14	11	13	9	9	5	4	3	2	4
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

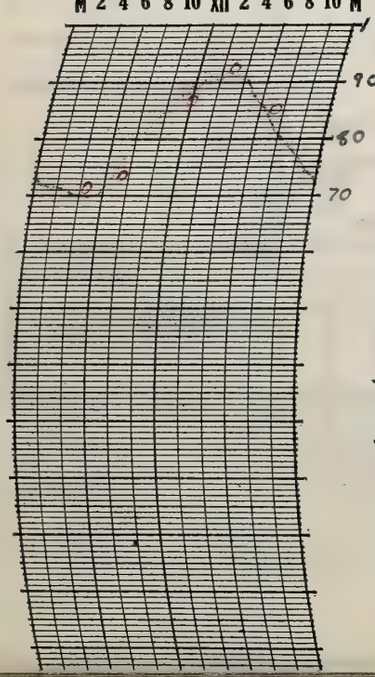
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	70	81	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 14.9 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind, 166
Average hourly velocity, 6.9 Extreme velocity, 18
Maximum velocity, 18 Direction, NW
Time began, 2:29 pm
Reduced barometer, 29.87 7 a. m. 29.87 7 p. m.
River gage, 1.2 feet
Relative humidity, 70 7 a. m. 34 7 p. m.

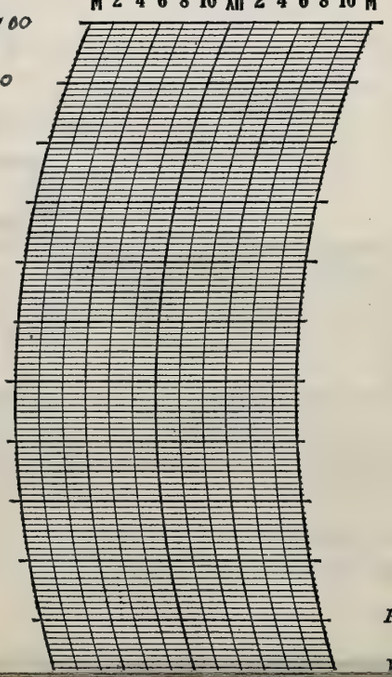
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 87.8 Wet temperature, 70.8
Dew-point, 63 R. humidity, 43 V. pressure, .575
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

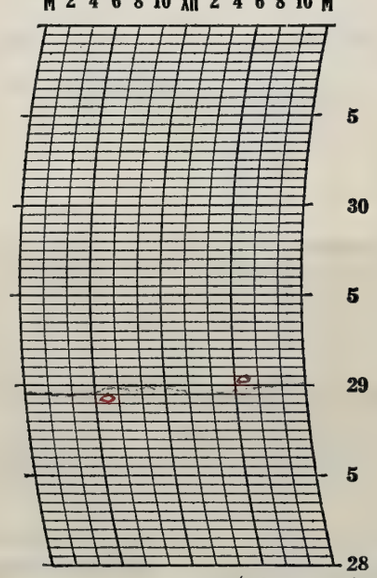
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

A mostly clear day but some cloudiness and the sun shone through upper clouds most of the time. A hot day but no deaths reported

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 12 1920, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	67	66	65	64	67	68	74	79	82	85	87	91	93	95	94	80	73	77	78	77	77	78	78
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:45	RE 5:30						
Amounts of precipitation																	T	.01						
Cloudiness and other conditions					←				Clear						Pt Cldy			Cloudy			→			
Sunshine (in tenths of hours)					0.68 0	0.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0				
Wind direction	E	E	E	E	E	E	E	E	SE	SE	S	S	S	SW	S	SW	SW	S	S	S	S	S	S	S
Wind movement	9	10	8	8	7	7	8	11	9	9	9	6	7	7	9	8	11	11	5	8	9	9	11	9

Sunrise: Time, 4:19 Character, Clear
Moonrise:
Sunset: Time, 7:14 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

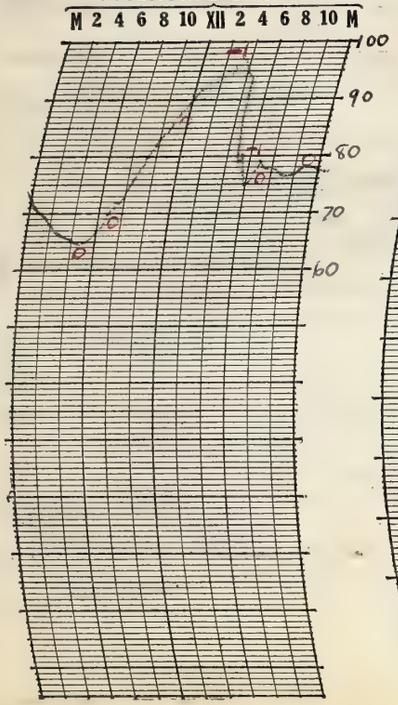
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
96	64	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 11.7 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 79
Prevailing wind direction, S Total wind, 205
Average hourly velocity, 8.5 Extreme velocity, 24
Maximum velocity, 23 Direction, SW
Time began, 4:45 pm
Reduced barometer, 29.98 7 a. m. 29.72 7 p. m.
River gage, 1.1 feet
Relative humidity, 65 7 a. m. 62 7 p. m.

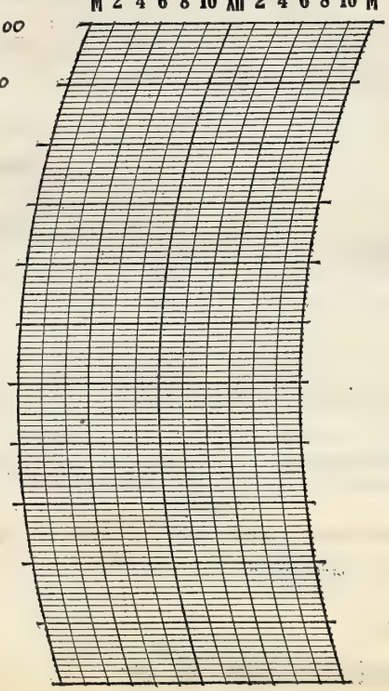
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.3 Wet temperature, 62.0
Dew-point, 56 R. humidity, 34 V. pressure, .448
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

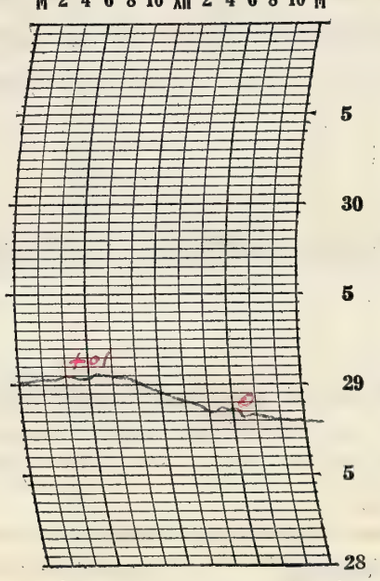
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

A mostly clear morning followed by mostly cloudy from 3:00pm into the night. No damage was reported from the thundershower in the afternoon. The rain was not enough to be of value. This was the hottest day since 1926 but no death reported.
Thunder first heard at 4:45pm

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 13 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	77	77	76	75	75	76	80	82	84	82	80
State of weather: Nature of precipitation and time of beginning and ending					RB DN2	RE 5:55						
Amounts of precipitation					T	.01						
Cloudiness and other conditions					← Cloudy			→	Prtly	X	Cldy	
Sunshine (in tenths of hours)					0	0	0	0.8	0.8	0.9	0.3	0.3
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	7	7	8	8	7	8	9	12	14	12	10	14

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	77	74	73	70	68	66	66	66	66	64	62
Cloudiness and other conditions	Cldy	X	Prtly	X		Cloudy					→	
Sunshine (in tenths of hours)	0.3	0.8	0.7	0.4	0.1	0	0	0				
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	N	N	N	N
Wind movement	15	20	21	19	19	16	14	14	11	14	9	8

Sunrise: Time, 4:20 Character, Cloudy

Moonrise:

Sunset: Time, 7:13 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	62	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 5.4 Possible sunshine, hours, 14.9

Per cent of possible sunshine, 36

Prevailing wind direction, SW Total wind, 296

Average hourly velocity, 12.3 Extreme velocity, 27

Maximum velocity, 25 Direction, NW

Time began, 1:54 p.m.

Reduced barometer, 29.68 7 a. m. 29.83 7 p. m.

River gage, 1.3 fall

Relative humidity, 86 7 a. m. 70 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

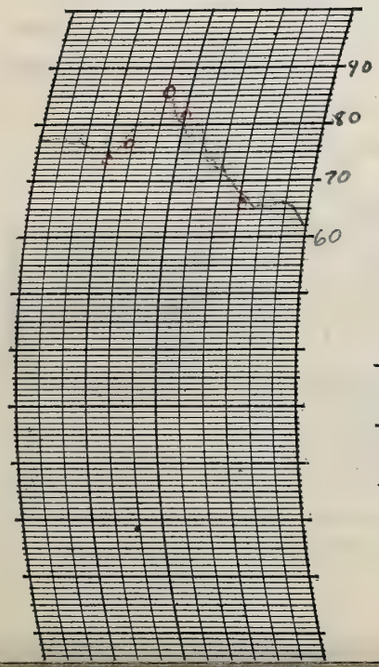
Dry temperature, 80.4 Wet temperature, 73.6

Dew-point, 70 R. humidity, 71 V. pressure, .732

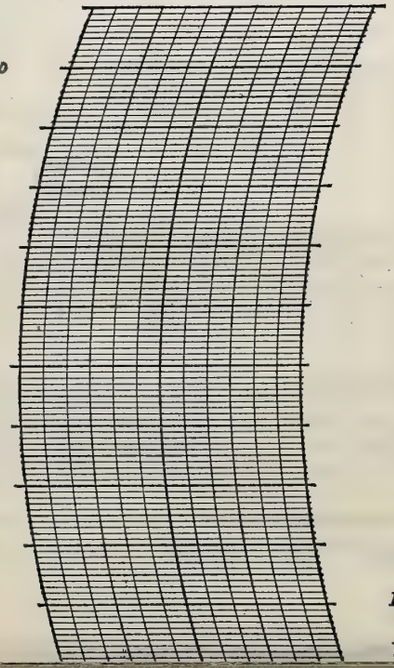
Clouds: Amount, 5; Kind, Strat Direction, W

Velocity of clouds (miles per hour)

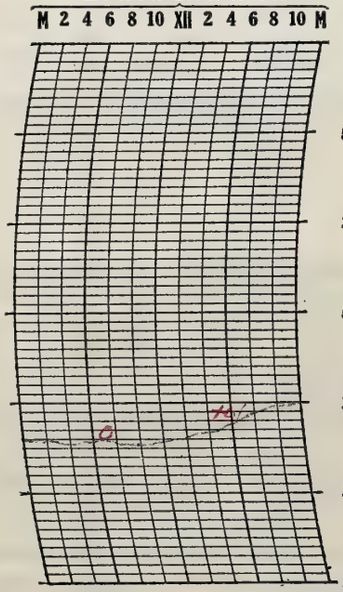
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

NOTES

A mostly cloudy day. Threatening followed by a mostly cloudy afternoon. Conditions were favorable for flying. Temperature dropped during the afternoon

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 14 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	55	54	55	53	53	53	54	58	60	64	66	69	70	70	70	70	68	65	62	61	60	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Cloudy							×	Partly			×		Clear				→
Sunrise: Time, 4:21 Character, Cloudy																					Sunset: Time, 7:13 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0	0	0.2	0	0.2	0.4	0.5	0.9	0.7	1.0	0.5 0	1.0 0	0.22 0				
Wind direction	NW	NW	NW	NW	N	NW	N	N	N	NE	N	N	N	N	N	N	N	N	N	N	NE	NE	NE	E
Wind movement	10	10	10	10	11	11	11	9	8	8	6	5	8	7	8	9	8	8	8	7	6	6	6	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

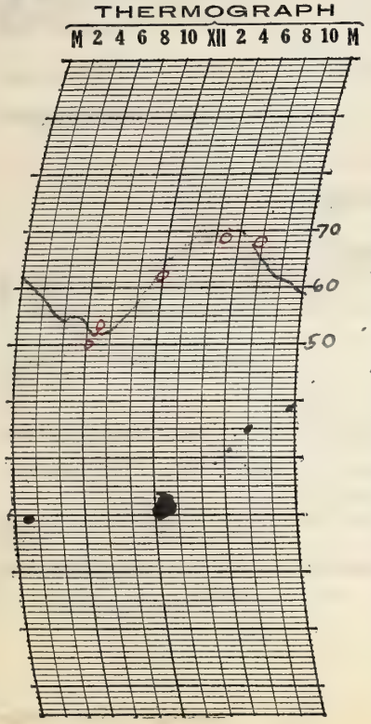
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	51	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.6 Possible sunshine, hours, 14.9
Per cent of possible sunshine, 38
Prevailing wind direction, N Total wind, 196
Average hourly velocity, 8.2 Extreme velocity, 15
Maximum velocity, 15 Direction, N
Time began, 7:53 2m
Reduced barometer, 30.07 7 a. m. 30.07 7 p. m.
River gage, 1.4 fall
Relative humidity, 82 7 a. m. 54 7 p. m.

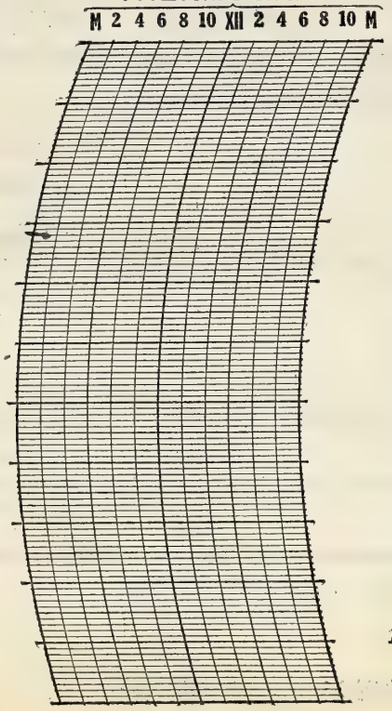
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 63.6 Wet temperature, 55.2
Dew-point, 49 R. humidity, 59 V. pressure, .347
Clouds: Amount, 9; Kind, Cu Direction, N
Velocity of clouds (miles per hour)

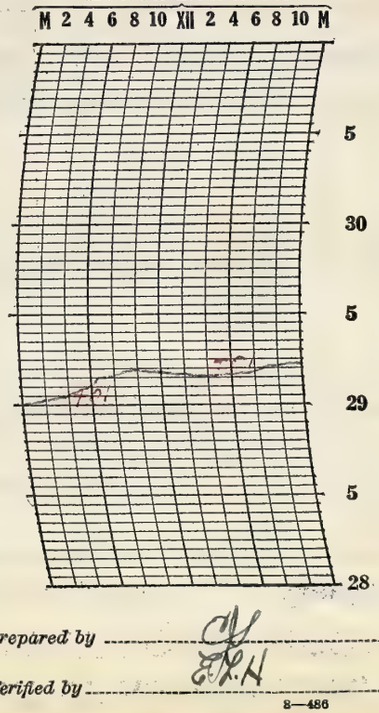
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by EPH

8—486

NOTES

a cloudy cool morning followed by a partly cloudy to clear afternoon. Clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 15 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	55	54	52	54	58	63	66	70	72	73	75	76	77	79	77	76	76	71	67	66	64	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Clear												→	
Sunshine (in tenths of hours)					0.65 / 0	1.0 / 0	0.3 / 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 / 0.1	1.0 / 0	0.20 / 0				
Wind direction	E	E	E	O	E	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	E	E	E	E	E
Wind movement	4	3	2	0	3	3	3	4	7	7	8	8	8	7	7	6	6	4	4	5	7	7	5	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:21 Character, Clear
Moonrise:
Sunset: Time, 7:12 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

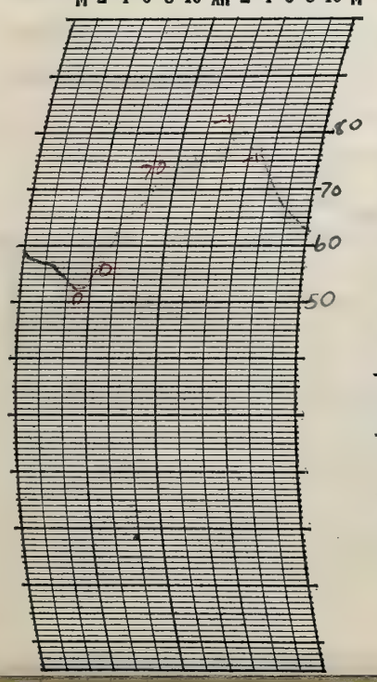
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	52	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 14.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 121
Average hourly velocity, 5.0 Extreme velocity, 13
Maximum velocity, 13 Direction, E
Time began, 12:18 pm.
Reduced barometer, 30.21 a. m. 30.12 p. m.
River gage, 1.2 feet
Relative humidity, 67 a. m. 30 p. m.

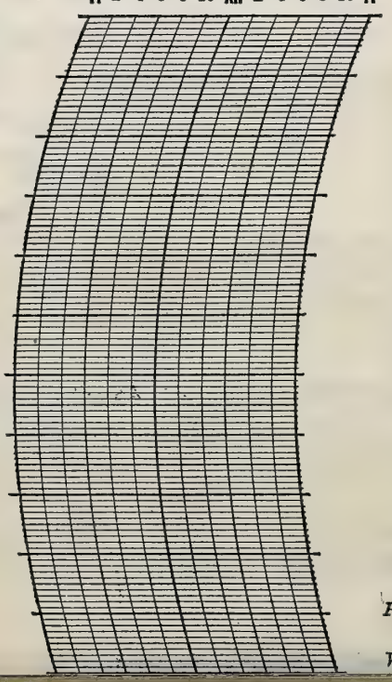
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.6 Wet temperature, 55.8
Dew-point, 42 R. humidity, 33 V. pressure, .266
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

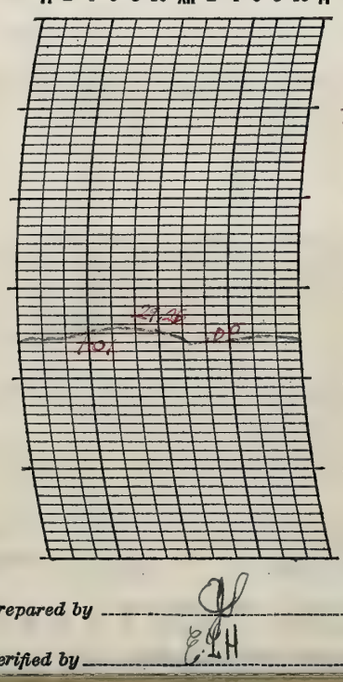
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.H.

NOTES

A light frost was reported from extreme low lands southwest and northeast of the station. No damage occurred. A clear cool day. Conditions were fine for flying.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 16 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	57	55	54	60	62	70	73	77	77	78	81	82	83	84	84	83	81	77	75	72	68	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)					0.63 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	1.0 0	0.8 0				
Wind direction	E	E	SE	SE	O	SE	S	S	SW	SW	W	SW	SW	S	SW	SW	SW	SW	SW	S	SW	SW	S	SW
Wind movement	3	2	1	1	0	2	5	5	5	5	5	4	6	7	6	5	7	7	5	4	4	5	4	4

Sunrise: Time, 4:22 Character, Clear
Moonrise:
Sunset: Time, 7:11 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

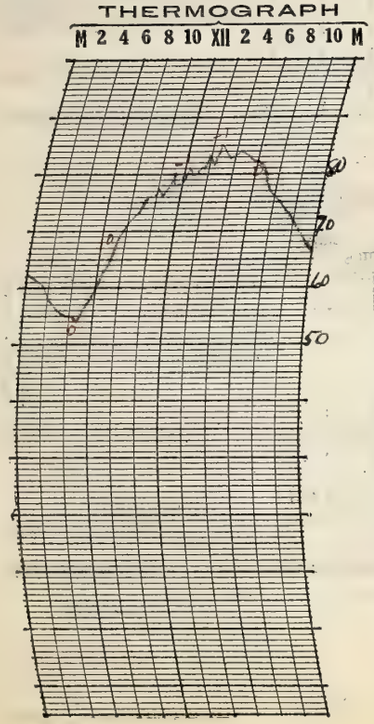
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	54	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 14.8 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 102
Average hourly velocity, 4.2 Extreme velocity, 9
Maximum velocity, 9 Direction, SE
Time began, 1:27 pm.
Reduced barometer, 30.18 7 a. m. 30.06 7 p. m.
River gage, 1.2 feet
Relative humidity, 58 7 a. m. 28 7 p. m.

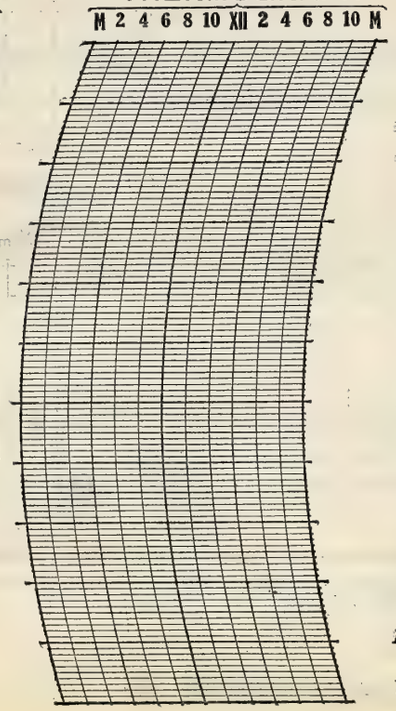
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.0 Wet temperature, 58.2
Dew-point, 42 R. humidity, 28 V. pressure, 266
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

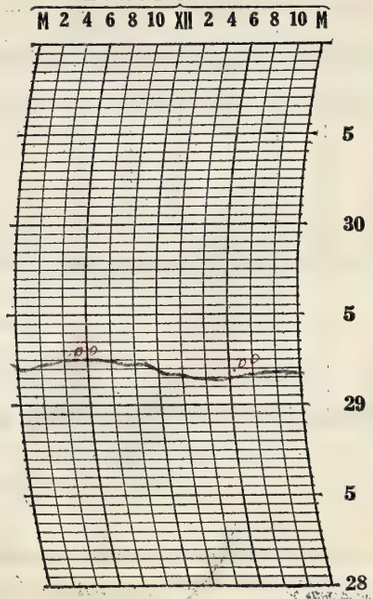
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by [illegible]

8—486

NOTES

Clear normal beautiful day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 17 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	60	61	60	61	67	72	77	82	84	86
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←					Clear		→
Sunshine (in tenths of hours)					0.62 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	S	SW	SW	SW	S	SW	SW	SW	SW	SW
Wind movement	3	4	3	4	3	3	3	5	7	7	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	88	89	90	90	89	85	85	80	79	76	74	72
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.7 0.3	1.0 0	0.8 0				
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	8	8	9	8	8	8	7	5	7	5	5	6

Sunrise: Time, 4:23 Character, Clear

Moonrise:

Sunset: Time, 7:11 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	60	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 14.8 Possible sunshine, hours, 14.8

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 142

Average hourly velocity, 5.9 Extreme velocity, 12

Maximum velocity, 12 Direction, SW

Time began, 12:14 pm.

Reduced barometer, 30.10 7 a. m. 29.98 7 p. m.

River gage, 1.2 feet

Relative humidity, 54 7 a. m. 25 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

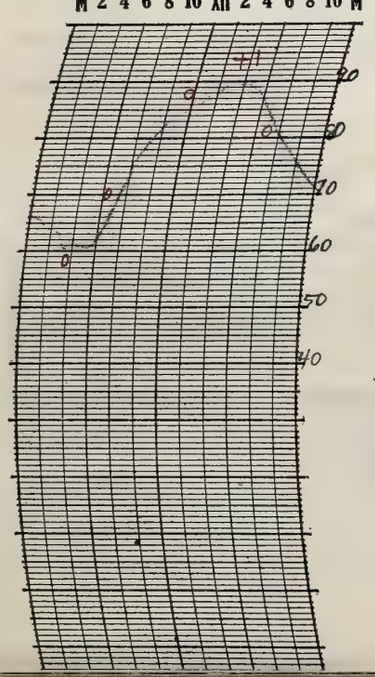
Dry temperature, 86.0 Wet temperature, 61.0

Dew-point, 42 R. humidity, 21 V. pressure, .266

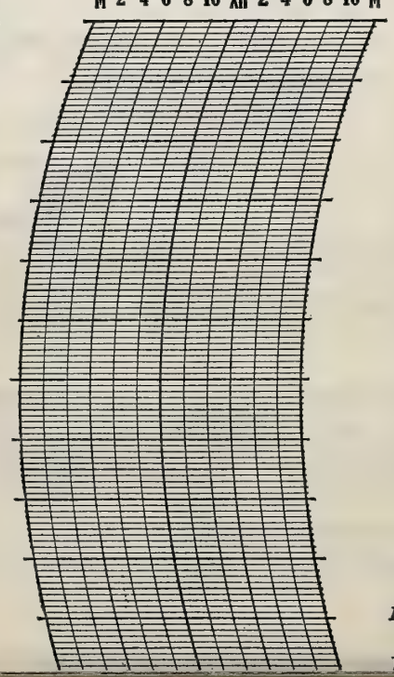
Clouds: Amount, Few; Kind, cist; Direction, W.

Velocity of clouds (miles per hour)

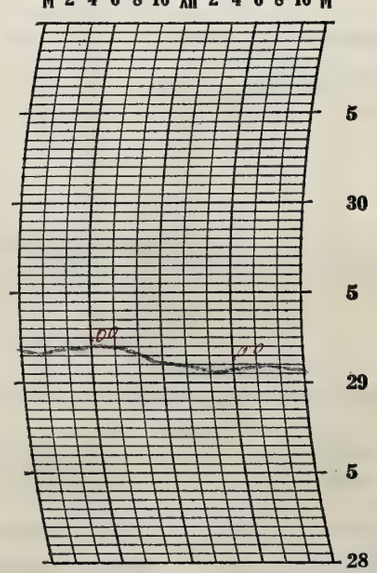
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Clear in the morning but some upper clouds in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 18 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	66	65	67	72	78	84	88	90	92	93	95	96	95	94	92	90	86	84	81	80	81
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					0.60 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.8	0	0	0				
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	5	6	6	6	7	7	7	9	12	14	14	14	13	13	13	13	12	11	5	9	7	7	9	8
Maximum velocities (exceeding 24 miles) direction and time																								

Clear → ← Partly Cloudy

Sunrise: Time, 4:24 Character, Clear

Moonrise:

Sunset: Time, 7:10 Character, Cloudy

Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

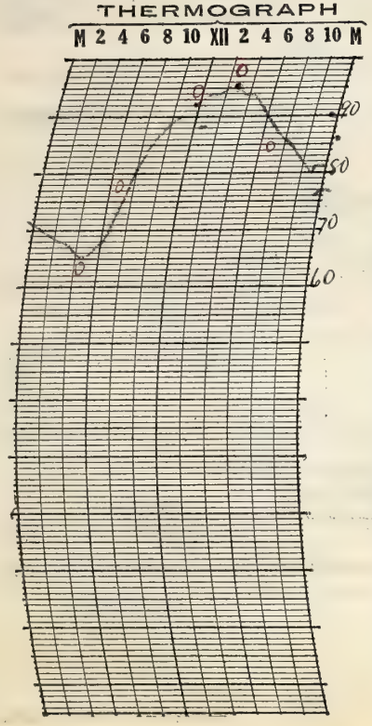
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
96	65	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.0 Possible sunshine, hours, 14.8
Per cent of possible sunshine, 81
Prevailing wind direction, S-SW Total wind, 230
Average hourly velocity, 9.6 Extreme velocity, 19
Maximum velocity, 18 Direction, SW
Time began, 10:02 2 m.
Reduced barometer, 29.95 7 a. m. 29.89 7 p. m.
River gage, 1.2 fall
Relative humidity, 46 7 a. m. 27 7 p. m.

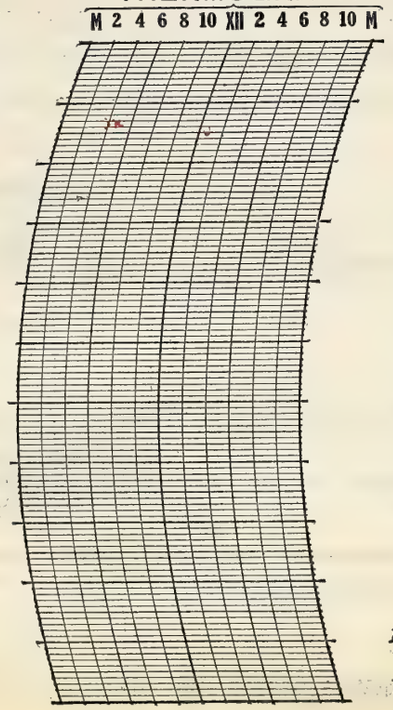
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 92.0 Wet temperature, 65.0
Dew-point, 47 R. humidity, 22 V. pressure, .322
Clouds: Amount, 3; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

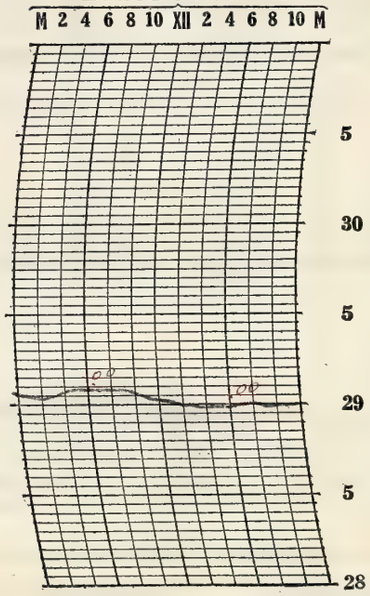
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

A mostly clear, warm day. Sun shone through upper clouds the greater portion of the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 19 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	78	77	76	76	76	78	81	84	87	91	94	97	98	100	101	100	97	94	92	87	85	83	81
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy →												← Partly Cloudy →											
Sunshine (in tenths of hours)					0	0	0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	1.0 0	0				
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	8	8	8	8	8	10	10	12	11	9	10	13	13	14	14	15	11	8	7	8	8	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:25 Character, Cloudy
Moonrise:
Sunset: Time, 7:09 Character, Cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

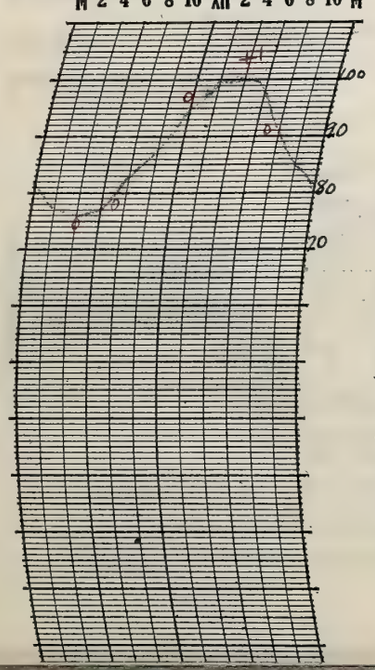
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
101	76	88	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.9 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 74
Prevailing wind direction, SW Total wind, 236
Average hourly velocity, 9.8 Extreme velocity, 20
Maximum velocity, 19 Direction, SW
Time began, 4:15 P.M.
Reduced barometer, 29.94 7 a. m., 29.87 7 p. m.
River gage, 1.2 fall
Relative humidity, 45 7 a. m. 32 7 p. m.

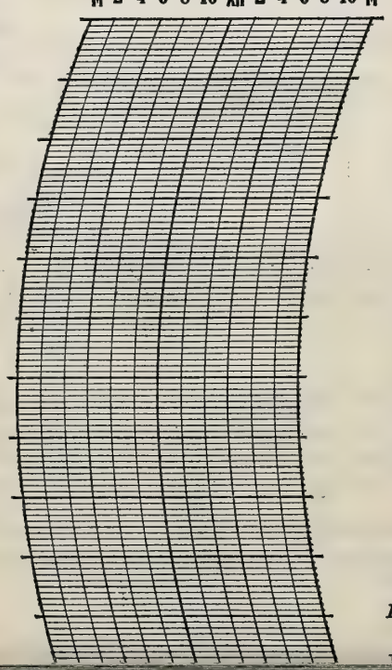
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 94.2 Wet temperature, 71.2
Dew-point, 59 R. humidity, 32 V. pressure, .499
Clouds: Amount, 3 5 4 ; Kind, Cu Cu Cu ; Direction, W W W
Velocity of clouds (miles per hour)

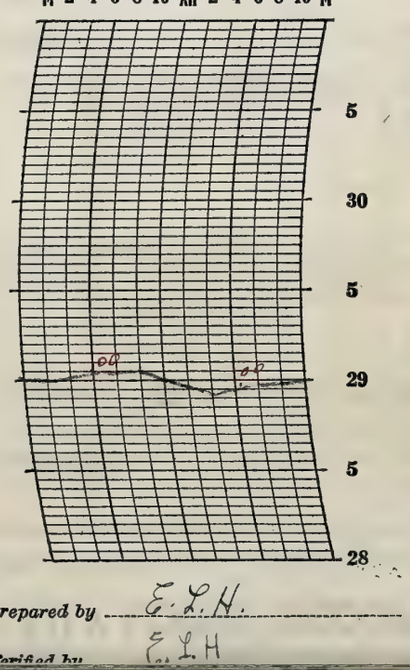
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.
Verified by E. L. H

NOTES

The highest temperature ever recorded here in July occurred when the temperature reached 101.1 at 4:00 P.M. No deaths were reported. The hot dry weather is doing a great deal of damage to all field crops.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 20 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	79	78	78	78	78	81	85	92	95	97	99
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Partly Cloudy					
Sunshine (in tenths of hours)					0	0	0.1	0.7	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW
Wind movement	5	5	7	5	6	5	7	6	8	8	7	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	101	100	100	99	98	96	94	90	87	85	84	83
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.3 0.7	1.0 1.0	1.0 1.0	0.15 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	13	14	14	13	11	9	8	8	7	7	9

Sunrise: Time, 4:26 Character, Cloudy
Moonrise:

Sunset: Time, 7:09 Character, Clear
Moonset:

State of weather.

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

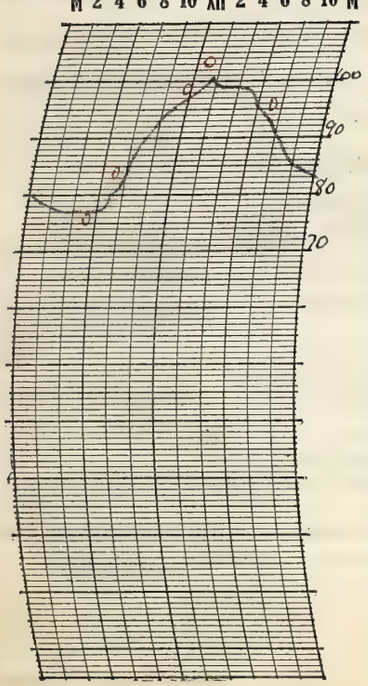
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
101	78	90	

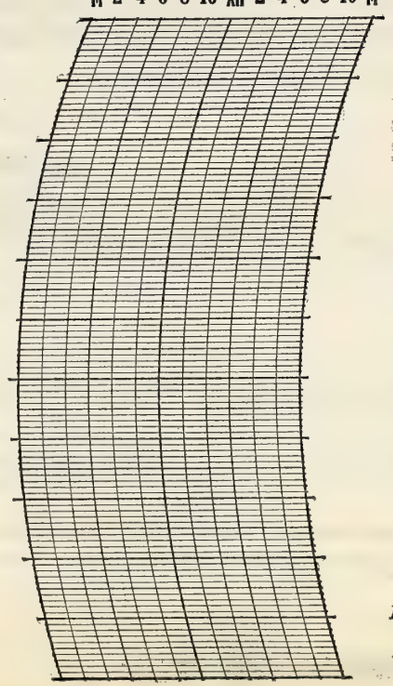
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Part Cldy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.0 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 75
Prevailing wind direction, SW Total wind, 204
Average hourly velocity, 8.5 Extreme velocity, 17
Maximum velocity, 15 Direction, SW
Time began, 1:38 P.M.
Reduced barometer, 29.94 a. m. 29.81 p. m.
River gage, 0.9 feet
Relative humidity, 62 a. m. 26 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 99.0 Wet temperature, 72.0
Dew-point, 58 R. humidity, 26 V. pressure, 482
Clouds: Amount, 1; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

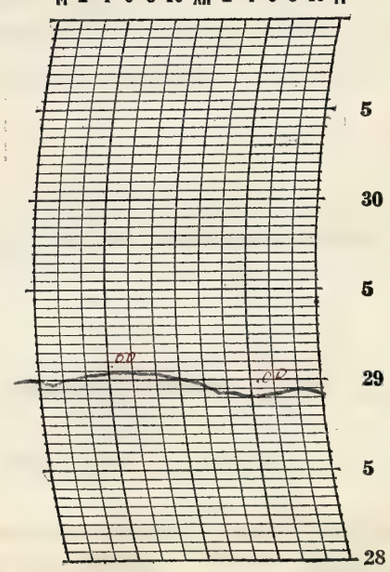
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. N.

Verified by E. L. N.

8—486

NOTES

The hot, dry weather continues with the damage to crops becoming greater. Conditions in general are serious.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 21 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	81	80	78	77	78	81	85	89	92	95	96
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			←							Clear		→
Sunshine (in tenths of hours)					55 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	10	9	8	8	9	10	11	10	12	11	13
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	98	99	98	97	71	84	80	72	71	72	68	69
Nature of precipitation and time of beginning and ending					RB 4:05 RE 4:45		RB 6:40	RE 7:55		RB 9:45	RE 10 11	RE
Amounts of precipitation					.09		.03	.01		03	42	T
Cloudiness and other conditions					Partly		→					
Sunshine (in tenths of hours)	1.0	1.0	0.9	0.4	0.1	0.3	0	0				
Wind direction	S	S	W	SW	SW	N	S	SW	N	S	W	SW
Wind movement	13	12	15	12	16	3	11	7	5	8	6	4
Maximum velocities (exceeding 24 miles) direction and time					35 S 4:06P	25 SW 6:40P						

Sunrise: Time, 4:27 Character, Clear

Moonrise:

Sunset: Time, 20.8 Character, Cloudy

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
99	68	84	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.10 ins.

Total precipitation, midnight to midnight, 0.58 inches.

Character of day, Partly Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours 11.2 Possible sunshine, hours 14.7

Per cent of possible sunshine, 76

Prevailing wind direction, SW Total wind, 232

Average hourly velocity, 9.7 Extreme velocity, 36

Maximum velocity, 35 Direction, S

Time began, 4:06 P

Reduced barometer, 29.80 a. m. 29.822 p. m.

River gage, 0.6 fall

Relative humidity, 54 a. m. 59 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts 9:45p	11:10p	0.45	9:59p	10:12p	.01	.17	.29	.35											

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

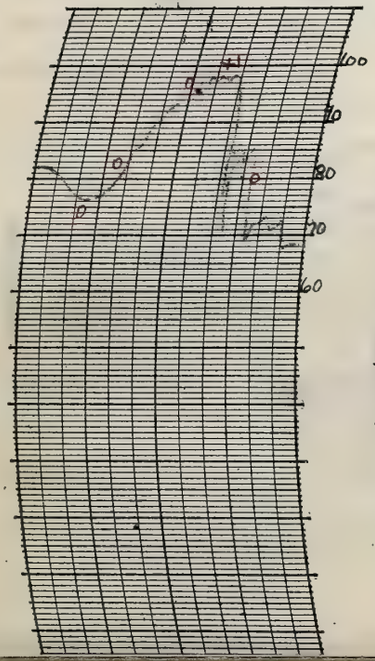
Dry temperature, 95.6 Wet temperature, 72.6

Dew-point, 62 R. humidity, 33 V. pressure, .555

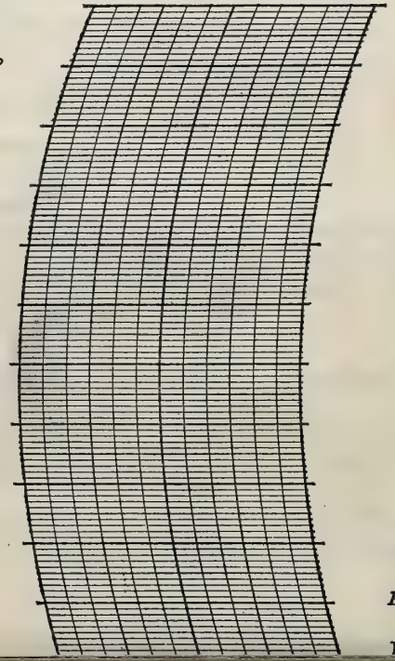
Clouds: Amount, 3/2; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour) —

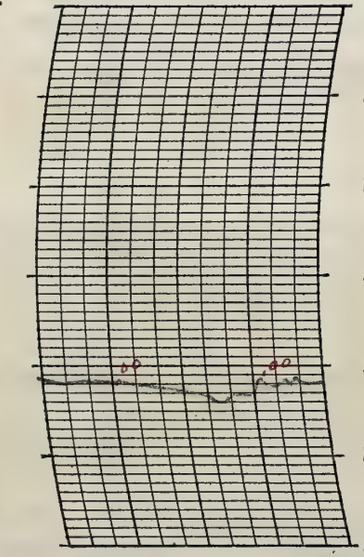
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H

NOTES

The 35 mile wind, about 5:00 p.m., did some damage. The wind damage was mostly to trees that were broken off or blown down and some telephone poles were also blown down.

Lightning struck several grain stacks and started fires, but these were put out by rain. Traction service was halted by several trees blowing down and falling on the tracks.

3:45 pm; 6:40 pm; 10:00 pm.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) JUL 22 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	69	69	68	69	70	71	73	80	80	80	82	85	84	82	82	77	75	73	72	69	66	65
State of weather: Nature of precipitation and time of beginning and ending	P.13 D/A		8 E D/A																					
Amounts of precipitation	.05	.01	.03																					
Cloudiness and other conditions	← Part Cloudy												→				← Clear							→
Sunshine (in tenths of hours)					0	0	0.1	0	0.3	1.0	1.0	0.8	1.0	0.9	1.0	0.7	0.6	0.9 0.1	1.0 0	1.2 0				
Wind direction	SW	W	W	W	SW	SW	SW	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	NW
Wind movement	7	7	5	4	5	5	6	8	9	9	11	10	15	14	14	14	13	13	8	6	7	7	7	5

Sunrise: Time, 4:27 Character, Cloudy
Moonrise:
Sunset: Time, 7:07 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

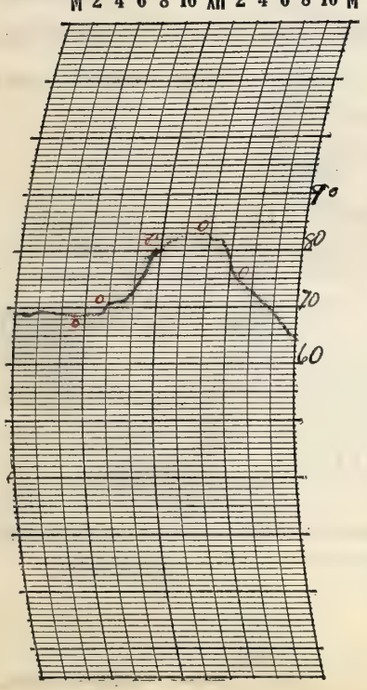
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	68	76	

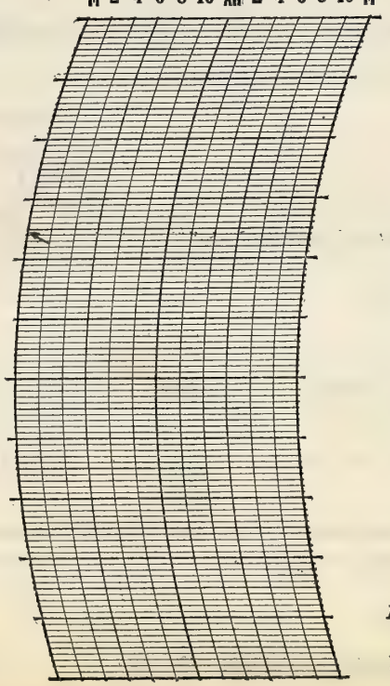
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m. 0.57 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.09 inches.
Character of day Partly Cldy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.5 Possible sunshine, hours, 14.7
Per cent of possible sunshine, 65
Prevailing wind direction, NW Total wind, 209
Average hourly velocity, 8.7 Extreme velocity, 19
Maximum velocity, 18 Direction, W
Time began, 12:24 P
Reduced barometer, 29.87 7 a. m. 29.98 7 p. m.
River gage, 1.2 feet
Relative humidity, 95 7 a. m. 59 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 80.4 Wet temperature, 70.9
Dew-point, 66 R. humidity, 63 V. pressure, 638
Clouds: Amount, 4; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

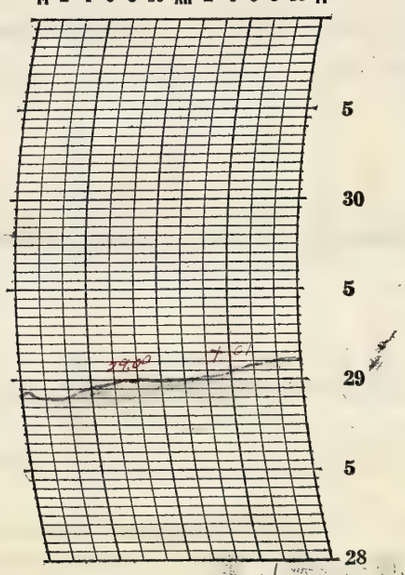
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. H. J.
Verified by E. H. J.

NOTES

a partly cloudy moderate day.
Mostly clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 23 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	60	51	59	60	66	71	74	75	76	78	80	82	83	82	82	81	79	75	74	71	68	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →												← Clear →											
Sunshine (in tenths of hours)					5.3 0	1.0 0	0.2 0.8	1.0	1.0	0.4	1.0	1.0	1.0	1.0	0.7	0.5	0.8	0.8 0	1.0 0	1.0 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	N	NE	W	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	5	5	4	5	4	5	3	4	2	3	6	6	6	9	7	7	6	6	6	7	5	4	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:28 Character, Clear
Moonrise:
Sunset: Time, 7:06 Character, Clear
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	59	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 12.8 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 88
Prevailing wind direction, W Total wind, 121
Average hourly velocity, 5.0 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 1107 P
Reduced barometer, 30.10 a. m. 30.02 p. m.
River gage, 1.4 feet
Relative humidity, 78 a. m. 44 p. m.

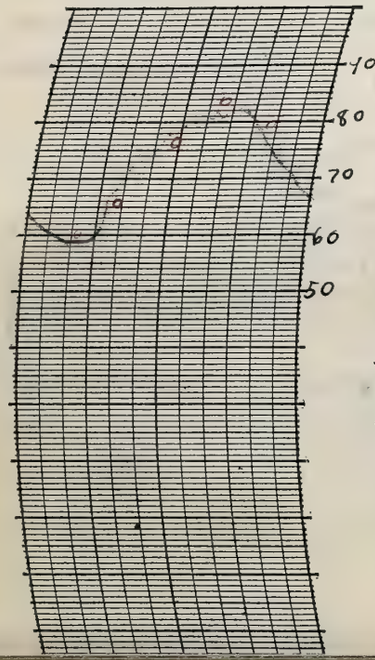
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

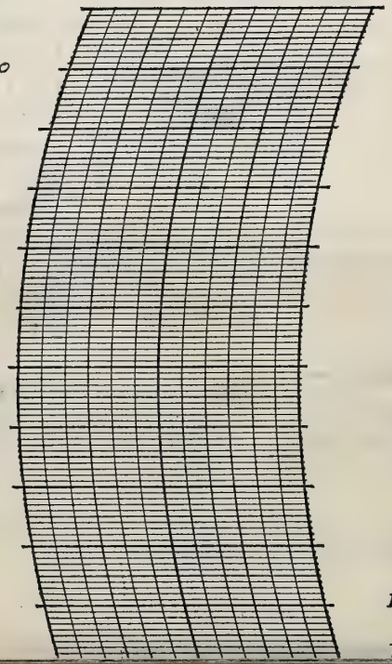
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 78.2 Wet temperature, 65.7
Dew-point, 59 R. humidity, 51 V. pressure, .499
Clouds: Amount, 4; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

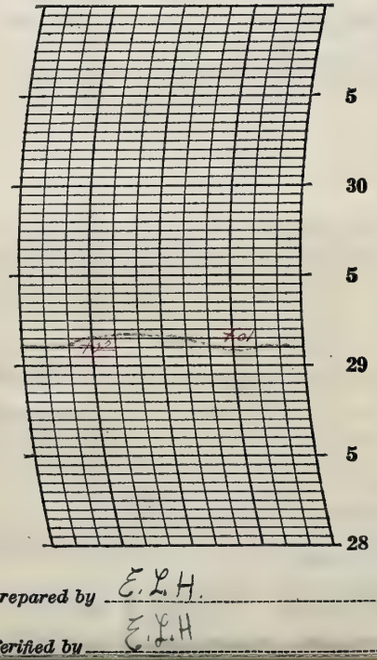
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.
Verified by E.L.H

NOTES

Very heavy dew in early morning. Mostly clear day but with some cumulus clouds in the sky most of the time.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 24 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	63	64	63	65	70	74	80	84	85	87	89	90	91	90	88	87	85	81	78	77	75	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)					.52	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1 0.8	1.0 0	1.0 0	.08 0				
Wind direction	W	W	W	W	W	SW	SW	SW	SW	SW	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	3	3	4	4	6	5	6	5	9	12	8	9	9	8	10	8	8	6	5	5	6	6	6

Sunrise: Time, 4:29 Character, Clear
Moonrise:
Sunset: Time, 7:05 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

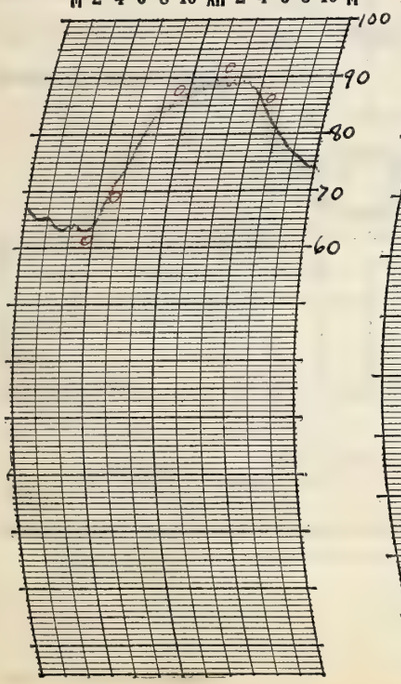
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	63	77	

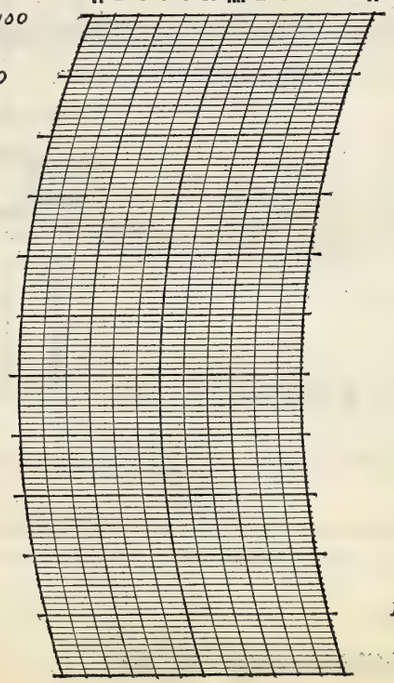
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 14.2 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 97
Prevailing wind direction, SW Total wind, 155
Average hourly velocity, 6.5 Extreme velocity, 13
Maximum velocity, 13 Direction, W
Time began, 10:7 am
Reduced barometer, 30.06 7 a. m., 29.98 7 p. m.
River gage, 0.2 feet
Relative humidity, 60 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 87.4 Wet temperature, 69.0
Dew-point, 60 R. humidity, 40 V. pressure, .517
Clouds: Amount, ~~Fair~~; Kind, Ci; Direction, W
Velocity of clouds (miles per hour)

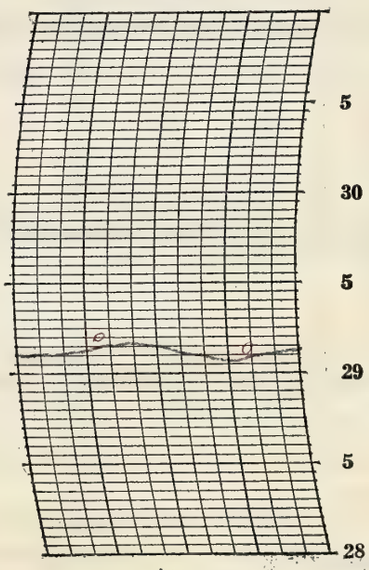
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.
Verified by E.L.H.

NOTES

*0.2 too low stage caused by shutting off water at the dam
Clear, warm day. Clear into the night.

8—486

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 25 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	70	68	70	73	80	85	87	89	91	91	92	94	93	93	92	91	86	83	82	80	77
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						Clear										→			
Sunshine (in tenths of hours)					.50 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	1.0 0	0.7 0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SE
Wind movement	5	5	4	4	4	4	5	3	4	7	7	7	8	8	7	6	6	6	2	2	1	4	3	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:30 Character, Clear
Moonrise:
Sunset: Time, 7:04 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

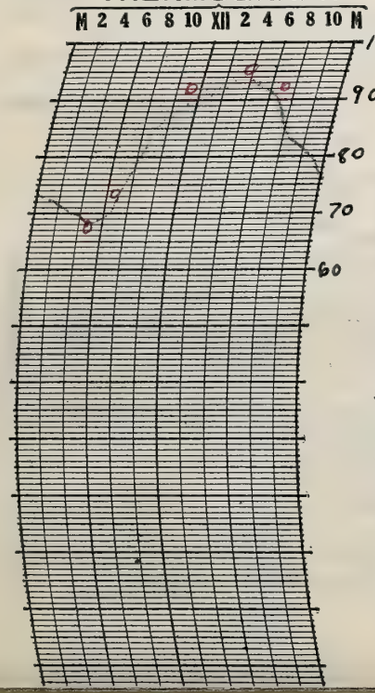
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
94	68	81	

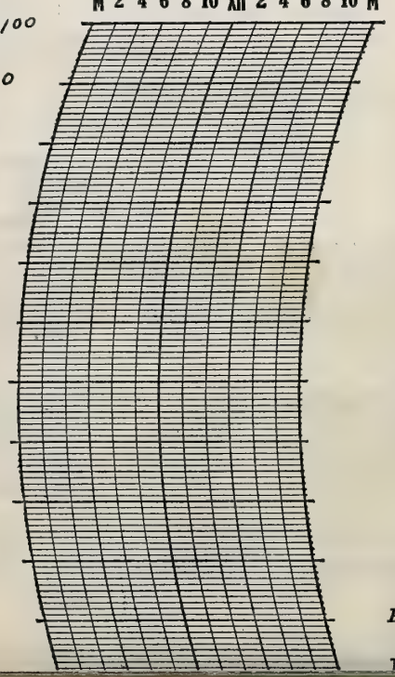
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 14.6 Possible sunshine, hours, 14.6
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 116
Average hourly velocity, 4.8 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 1:07
Reduced barometer, 30.06 a. m. 29.99 p. m.
River gage,* 8.1 feet
Relative humidity, 69 a. m. 32 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 91.4 Wet temperature, 71.4
Dew-point, 61 R. humidity, 38 V. pressure, .536
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

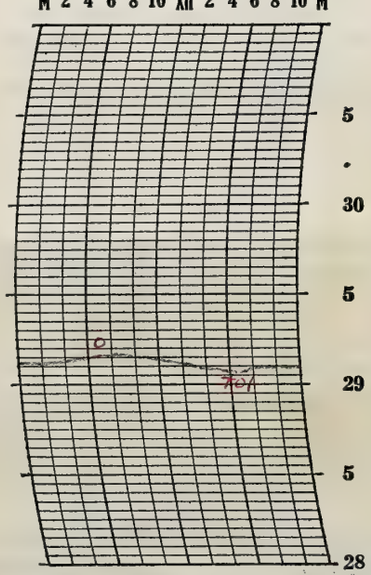
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.
Verified by E.L.H

NOTES

A mostly clear hot day. Mostly clear at night.

*Rollers down.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 26 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	77	75	74	73	74	75	78	85	87	88	85	90	91	82	83	84	84	83	82	81	80	78	75	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt cldy		cldy				cldy		cldy		Cloudy									→
Sunshine (in tenths of hours)					48 50 0	0	0.6	0.6	0.9	0.5	0.5	1.0	0.4	0	0	0	0	0	0	0				
Wind direction	S	S	S	S	S	SW	S	SW	SW	SW	NW	NW	WS		SW	W	W	SW	SW	S	S	SW	SW	SW
Wind movement	6	4	6	6	5	7	9	10	11	12	12	11	12	12	11	10	7	5	4	5	3	7	8	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:31 Character, Clear
Moonrise:
Sunset: Time, 7:03 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	73	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.5 Possible sunshine, hours, 14.5
Per cent of possible sunshine, 38
Prevailing wind direction, SW Total wind, 190
Average hourly velocity, 7.9 Extreme velocity, 19
Maximum velocity, 18 Direction, W
Time began, 12:07 pm.
Reduced barometer, 29.96 7 a. m. 29.91 7 p. m.
River gage, 0.1 feet
Relative humidity, ~~50~~ 71 7 a. m. 67 7 p. m.

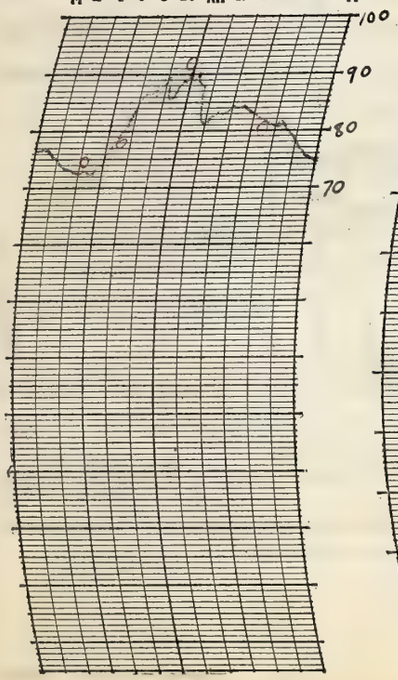
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

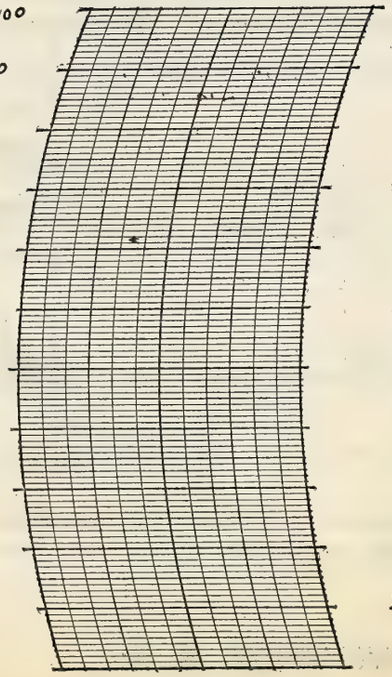
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 89.8 Wet temperature, 74.8
Dew-point, 69 R. humidity, 50 V. pressure, .707
Clouds: Amount, ; Kind, ; Direction, W
Velocity of clouds (miles per hour)

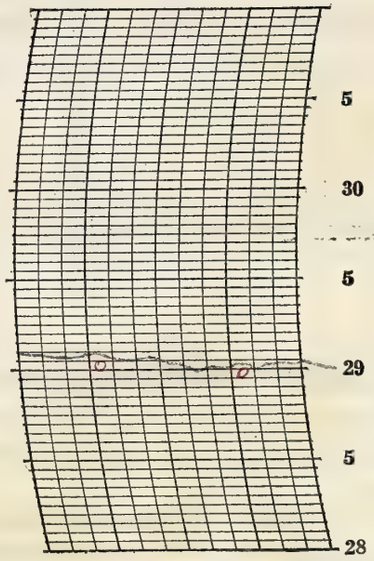
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH.
Verified by EH

8—486

NOTES

A pot mostly cloudy day. However the sun shone through broken clouds and at times upper clouds much of the day. Partly cloudy into the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 27 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	75	71	70	70	69	70	70	73	80	82
			RB DNe							RE 9:15		
Nature of precipitation and time of beginning and ending												
Amounts of precipitation			T	.41	.11	.12	.07	.07	.07	.01		
Cloudiness and other conditions					← Cloudy						X Cldy X	
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.7	1.0
Wind direction	S	S	S	SW	W	WSW	S	SW	SW	N	S	
Wind movement	7	7	9	10	12	9	8	12	17	9	4	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	86	88	91	88	89	88	88	85	83	82	81	80
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear						→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0.8	0.8 0.2	1.0 0	0.05 0				
Wind direction	S	SW	SW	SW	SW	SW	S	SE	SE	SE	SE	SE
Wind movement	5	8	6	6	6	4	3	5	6	7	7	8

State of weather.

Sunrise: Time, 4:32 Character, Cloudy

Moonrise:

Sunset: Time, 7:03 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	69	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0.68 ins.; to 7 p. m., 0.18 ins.

Total precipitation, midnight to midnight, 0.86 inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 8.4 Possible sunshine, hours, 14.5

Per cent of possible sunshine, 58

Prevailing wind direction, SW Total wind, 178

Average hourly velocity, 7.4 Extreme velocity, 19

Maximum velocity, 18 Direction, SW

Time began, 8:06 am

Reduced barometer, 30.04 7 a. m. 29.86 7 p. m.

River gage, 0.6 feet

Relative humidity, 97 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

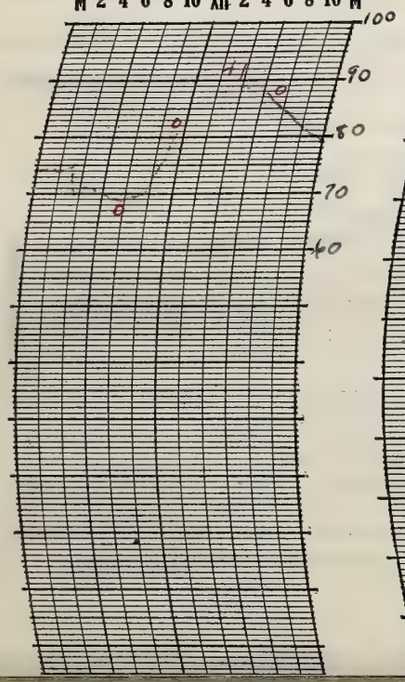
Dry temperature, 82.0 Wet temperature, 73.5

Dew-point, 70 R. humidity, 67 V. pressure, 732

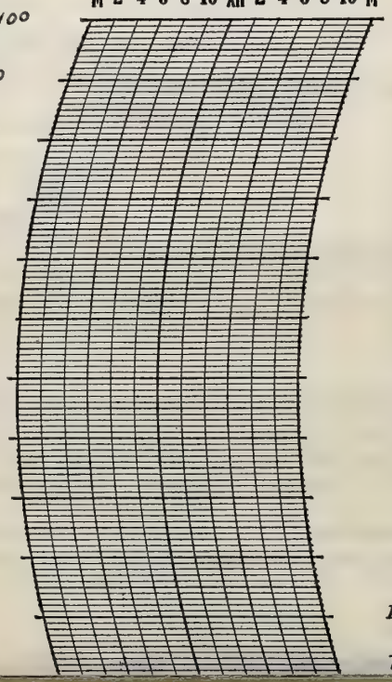
Clouds: Amount, 2; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

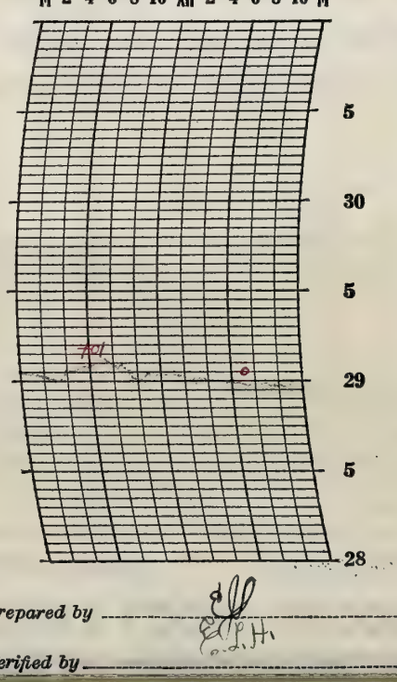
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

The thunderstorm that occurred in the morning did a great amount of good. The rain was fairly steady and was badly needed. Some damage occurred within the city by the high wind that occurred between 4 and 4:30 am. Considerable damage by wind to corn and other field crops was reported in the vicinity of the city.

R 3:05 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 28 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	78	77	75	78	76	77	81	82	84	85	86
Nature of precipitation and time of beginning and ending					RB DN2 RE DN2				RB 8:20 RE 8:35			
Amounts of precipitation					T				T			
Cloudiness and other conditions					← Cloudy						× Part	
Sunshine (in tenths of hours)					0	0	0.1	0.7	0.1	0	0.2	0.6
Wind direction	SE	SE	SE	SE	N	N	SE	NW	SW	S	W	W
Wind movement	8	5	4	5	21	9	6	8	6	5	5	4
Maximum velocities (exceeding 24 miles) direction and time					32 N 4:37							

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	94	95	94	93	92	89	87	81	78	75	73	72
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy					×		Clear				→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.1	0.8 0.2	1.0 0	0.03 0				
Wind direction	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	8	13	12	12	11	10	12	10	11	8	8	8

Sunrise: Time, 4:33 Character, Cloudy

Moonrise:

Sunset: Time, 7:02 Character, Clear

Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
95	72	84	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours 7.8 Possible sunshine, hours, 14.9

Per cent of possible sunshine, 54

Prevailing wind direction, NW Total wind, 209

Average hourly velocity, 8.7 Extreme velocity, 34

Maximum velocity, 32 Direction, N

Time began, 4:37 2m.

Reduced barometer, 29.79 7 a. m. 29.85 7 p. m.

River gage, 0.4 feet

Relative humidity, 71 7 a. m. 52 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

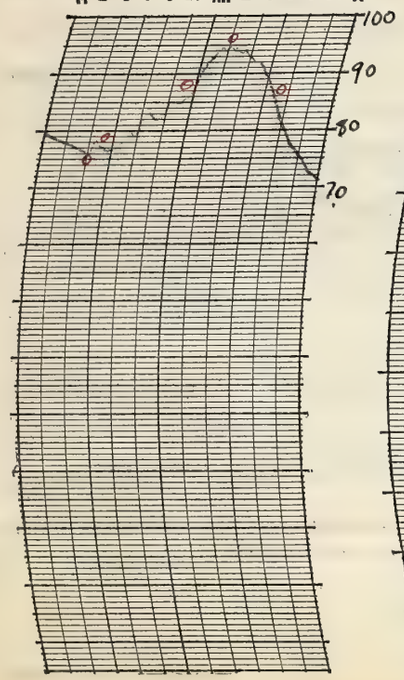
Dry temperature, 86.3 Wet temperature, 74.3

Dew-point, 69 R. humidity, 52 V. pressure, .707

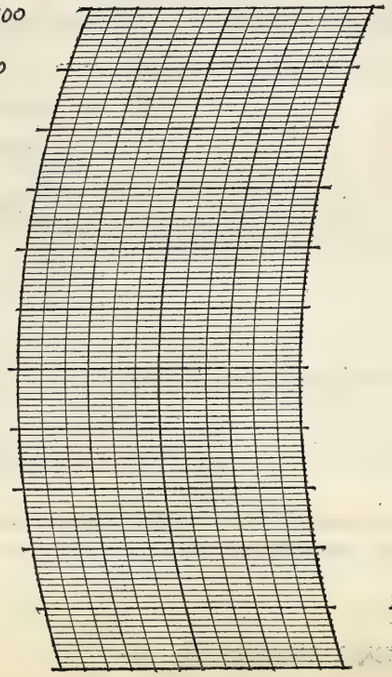
Clouds: Amount, 3; Kind, cu; Direction, W

Velocity of clouds (miles per hour)

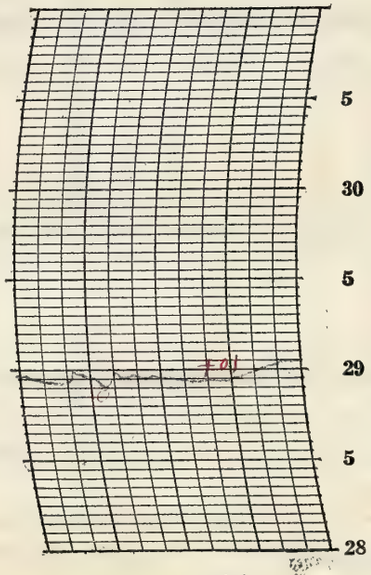
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

Mostly cloudy and threatening until 11:00 am. A few drops of rain fell at 8:30 am. After 11:0 am it was mostly partly cloudy with upper clouds and a few low ones. After 6:00 pm it was mostly clear the rest of the evening and night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) JUL 28 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	67	65	66	70	72	73	76	77	78
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cldy X							
Sunshine (in tenths of hours)					0	0	0.7	0.6	0.8	1.0	1.0	1.0
Wind direction	N	N	N	N	N	N	N	NE	NE	N	NW	NW
Wind movement	8	6	6	4	7	7	8	7	6	8	9	10

Sunrise: Time, 4:34 Character, Clear
Moonrise:

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	80	80	79	78	77	74	70	67	66	65	65
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						Clear →						
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.02				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	12	14	14	12	12	11	9	7	7	8	4

Sunset: Time, 7:01 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

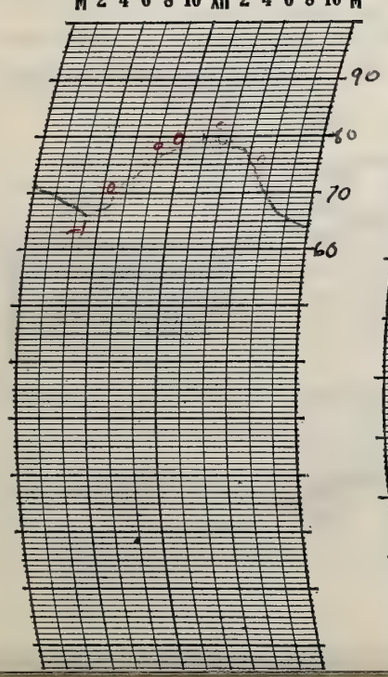
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	65	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.8 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 96
Prevailing wind direction, NW Total wind, 208
Average hourly velocity, 8.7 Extreme velocity, 18
Maximum velocity, 17 Direction, NW
Time began, 12:44 pm.
Reduced barometer, 30.047 a. m. 30.06 p. m.
River gage, 0.6 feet
Relative humidity, 81 7 a. m. 45 7 p. m.

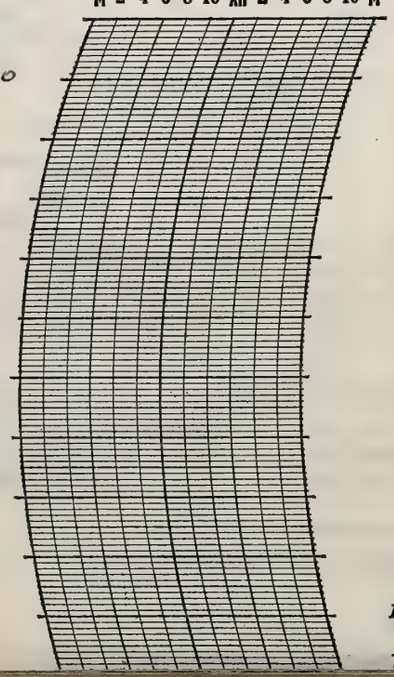
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.8 Wet temperature, 65.8
Dew-point, 59 R. humidity, 53 V. pressure, .499
Clouds: Amount, Few; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

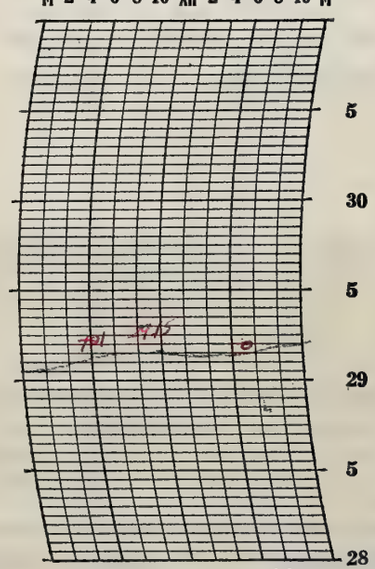
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.H.

Verified by

NOTES

Partly cloudy in the early morning followed by a mostly clear afternoon and night. Cool pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 30 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	61	62	59	58	62	66	73	77	78	76	79	80	82	81	80	79	78	75	70	67	65	63	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)					0.42 0	10 0	0.5 0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.6 0.4	1.00 0					
Wind direction	NW	NW	NW	NW	W	SW	SW	SW	SW	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	2	3	3	2	4	5	4	6	6	12	11	12	12	13	14	14	13	11	10	8	7	6	7	4
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:35 Character, Clear
Moonrise:
Sunset: Time, 7:00 Character, Clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

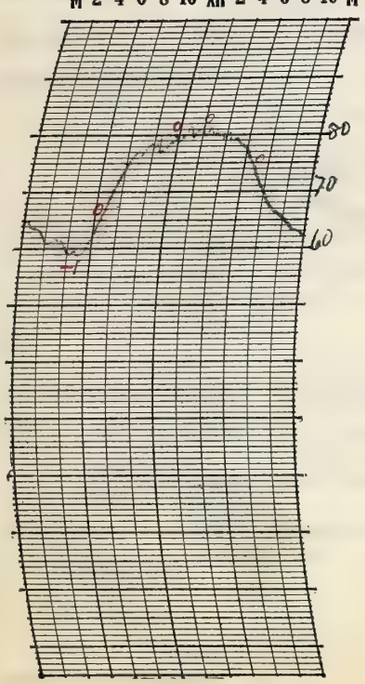
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	58	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 14.1 Possible sunshine, hours, 14.4
Per cent of possible sunshine, 98
Prevailing wind direction, NW Total wind, 189
Average hourly velocity, 7.9 Extreme velocity, 19
Maximum velocity, 18 Direction, NW
Time began, 2:47 pm
Reduced barometer, 30.15 7 a. m., 30.11 7 p. m.
River gage, 0.6 feet
Relative humidity, 71 7 a. m. 44 7 p. m.

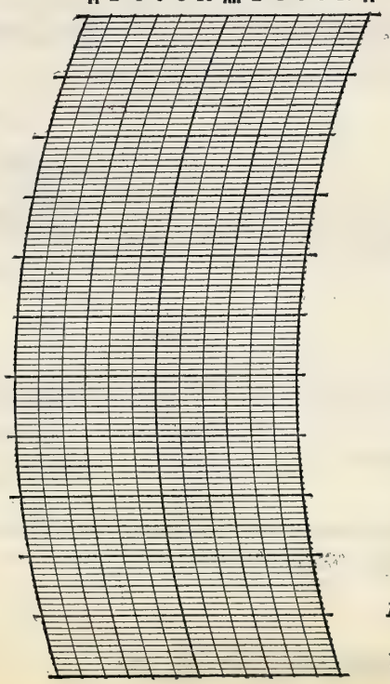
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.4 Wet temperature, 65.2
Dew-point, 52 R. humidity, 46 V. pressure, .465
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

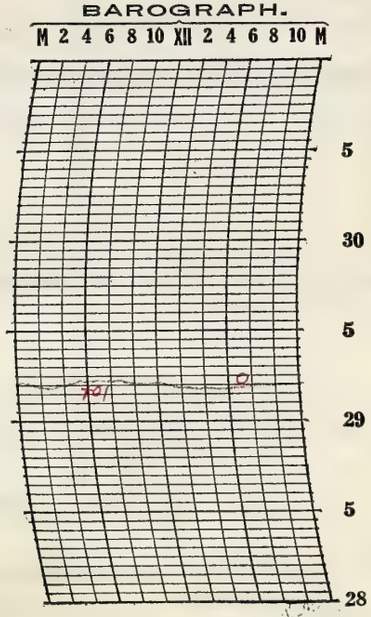
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJL
Verified by E. L. L.

8—486

NOTES

Few high clouds in the morning, a few scattered cumulus clouds in the afternoon. Day averaged clear, moderate and pleasant.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 31 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	58	58	57	58	63	69	73	75	76	77
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)					0.4c 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	5	5	4	4	6	7	9	10	11	10	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	78	79	81	80	79	78	75	70	68	66	64	64
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.9	0.7	0.4	1.0	1.0	1.0 0	0.9 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	10	11	11	12	12	10	8	8	8	6	4

Clear — Clear

Sunrise: Time, 4:36 Character, Clear

Moonrise:

Sunset: Time, 6:59 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	57	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 13.9 Possible sunshine, hours, 14.4

Per cent of possible sunshine, 97

Prevailing wind direction, NW Total wind, 193

Average hourly velocity, 8.0 Extreme velocity, 16

Maximum velocity, 16 Direction, NW

Time began, 4:25 p.m.

Reduced barometer, 30.15 7 a. m. 30.08 7 p. m.

River gage, 0.6 feet

Relative humidity, 65 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

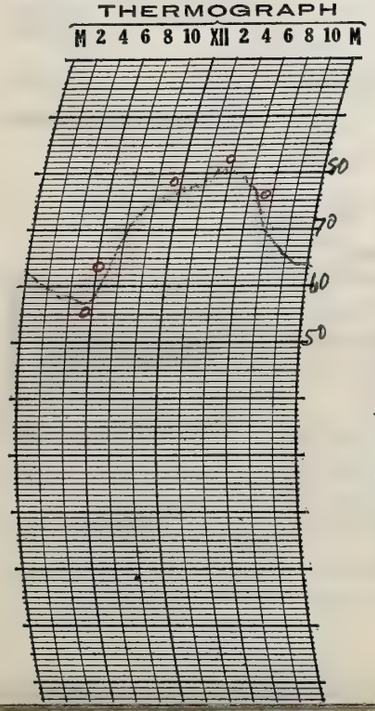
Dry temperature, 77.0 Wet temperature, 62.2

Dew-point, 52 R. humidity, 43 V. pressure, .387

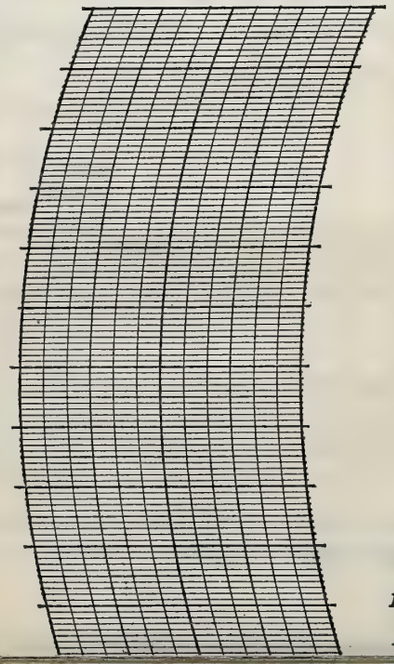
Clouds: Amount, 3; Kind, cu.; Direction, NW.

Velocity of clouds (miles per hour)

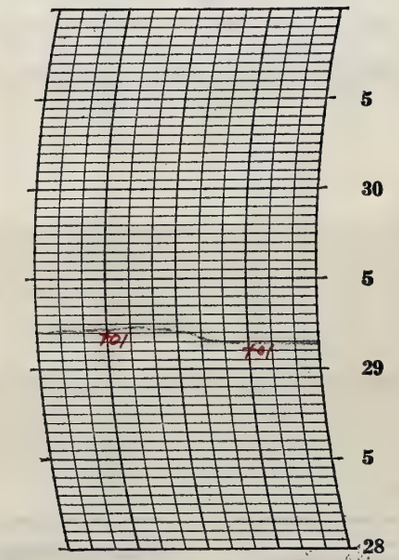
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

A mostly clear, moderate, beautiful day. However, there were some scattered cumulus clouds in the sky most of the time. Mostly clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) AUG 1 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	59	58	57	57	58	62	69	74	78	78	80	82	83	83	83	82	81	80	75	74	73	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear								Part Cloudy									→
Sunshine (in tenths of hours)					0.75 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.2	0					
Wind direction	W	W	W	W	W	W	NW	NW	NW	W	NW	NW	NW	W	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	3	3	3	2	3	2	3	2	5	5	6	5	5	5	7	9	8	8	5	6	7	7	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:37 Character, Clear
Moonrise:
Sunset: Time, 6:52 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

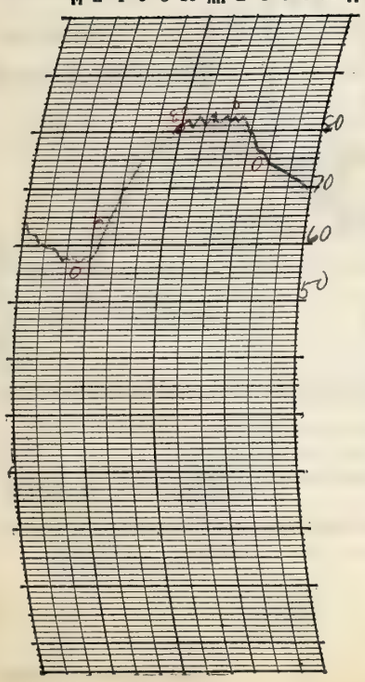
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
84	57	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 12.0 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 84
Prevailing wind direction, W Total wind, 123
Average hourly velocity, 5.1 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 3:04 PM
Reduced barometer, 30.10 7 a. m. 29.88 7 p. m.
River gage, 1.4 fall
Relative humidity, 66 a. m. 44 7 p. m.

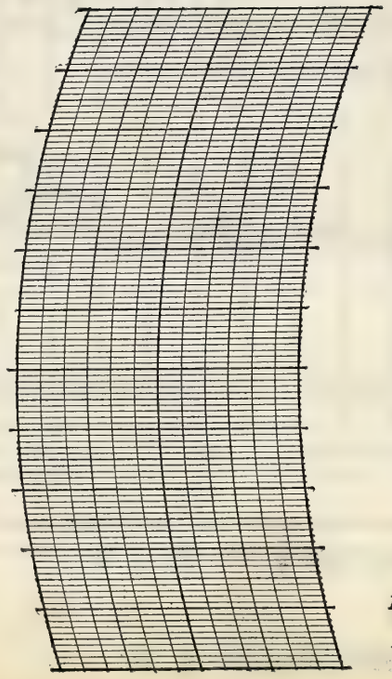
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 61.8
Dew-point, 50 R. humidity, 35 V. pressure, 360
Clouds: Amount, 6; Kind, Cu at; Direction, N
Velocity of clouds (miles per hour)

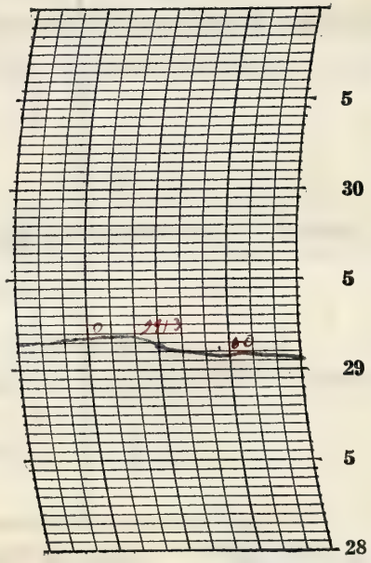
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH
Verified by E.L.H.

8—486

NOTES

Sun shone through cirr. clouds most of the day. The day was partly cloudy and it was also partly cloudy into the night. A mild beautiful day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 2 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	69	68	68	67	68	72	77	82	85	88	89	90	91	92	91	90	88	86	82	81	79	77	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Pt Cldy			Cldy		Cldy			Clear				Part Cloudy							→
Sunshine (in tenths of hours)					0.37 / 0	1.0 / 0	0.7 / 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	8	7	8	7	8	7	8	10	10	10	13	13	14	12	11	12	10	6	5	6	7	7	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:38 Character, Clear
Moonrise:
Sunset: Time, 6:56 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

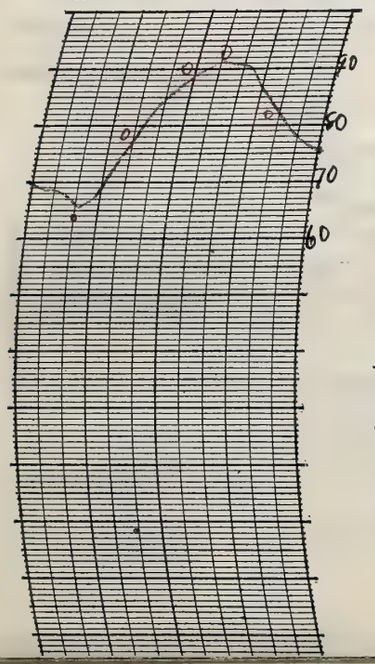
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	67	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 12.5 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 87
Prevailing wind direction, SW Total wind, 213
Average hourly velocity, 8.9 Extreme velocity, 18
Maximum velocity, 16 Direction, SW
Time began, 12:55 pm.
Reduced barometer, 30.03 7 a. m., 29.88 7 p. m.
River gage, 0.0 feet
Relative humidity, 53 7 a. m. 34 7 p. m.

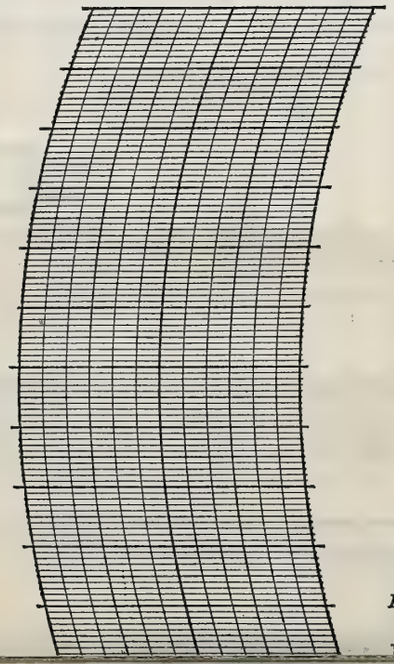
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 88.6 Wet temperature, 67.4
Dew-point, 55 R. humidity, 33 V. pressure, .432
Clouds: Amount, 2; Kind, cist; Direction, NW
Velocity of clouds (miles per hour)

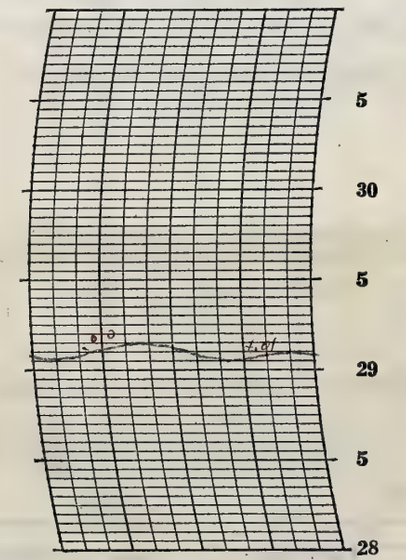
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind. (Day of week) Sunday, (Date) AUG 3 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	72	71	70	71	72	76	83	87	89	92	91	89	89	91	91	89	86	83	82	82	81	81
State of weather: Nature of precipitation and time of beginning and ending															RB 2:10 RE 2:20									
Amounts of precipitation															T									
Cloudiness and other conditions					←					Cloudy								×	Cloudy				→	
Sunrise: Time, 4:39 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 6:55 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)					0	0	0	0.4	1.0	0.9	1.0	1.0	0.3	0	0	0.2	0.2	0	0					
Wind direction	S	S	S	S	S	S	S	S	SW	SW	S	S	SW	SW	S	S	S	S	S	S	S	S	S	S
Wind movement	6	6	6	6	6	6	6	9	9	10	10	12	11	9	9	10	10	8	8	8	8	9	8	9

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

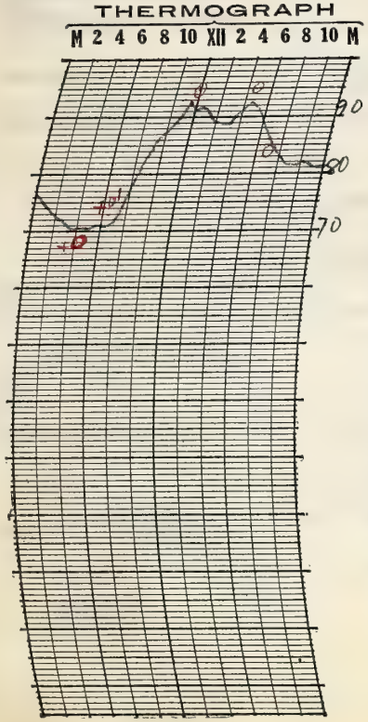
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	70	81	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 5.0 Possible sunshine, hours, 14.3
Per cent of possible sunshine, 35
Prevailing wind direction, S Total wind, 199
Average hourly velocity, 8.3 Extreme velocity, 16
Maximum velocity, 16 Direction, S
Time began, 11:40 2m.
Reduced barometer, 30.05 7 a. m. 29.93 7 p. m.
River gage, 0.0 feet
Relative humidity, 47 7 a. m. 42 7 p. m.

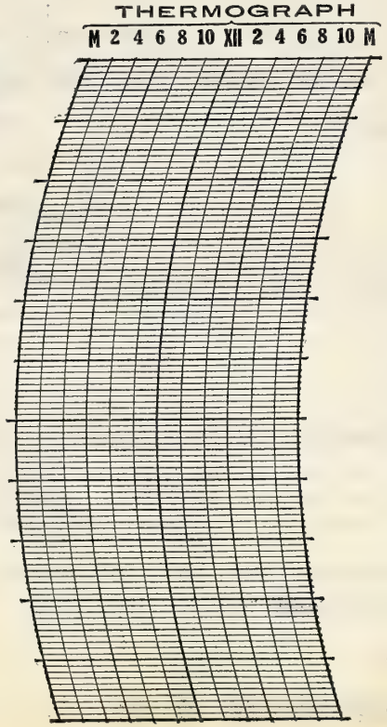
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 92.0 Wet temperature, 68.0
Dew-point, 54 R. humidity, 28 2cu V. pressure, 4 NE
Clouds: Amount, 7; Kind, 2 cu; Direction, NW
Velocity of clouds (miles per hour)

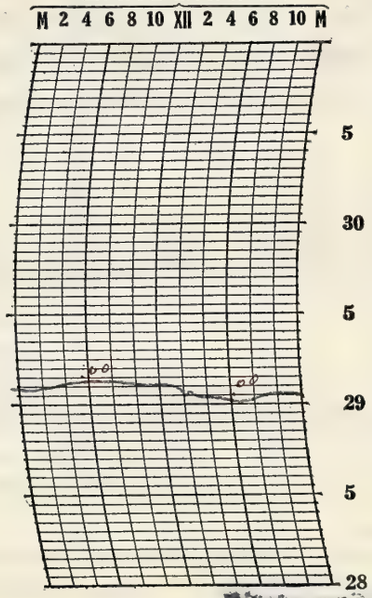
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 4 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	81	82	82	81	80	81	81	88	89	88	91
State of weather: Nature of precipitation and time of beginning and ending											AB 10:10 RE 10:25	
Amounts of precipitation											T	
Cloudiness and other conditions	Cloudy											
Sunrise: Time, 7:40 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)					0	0	0	0	0.8	0.4	0.8	0.3
Wind direction	S	SW	S	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	8	6	11	12	12	11	11	10	10	13	12	8
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	87	87	88	89	89	88	85	82	80	79	78	78
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunset: Time, 6:54 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0.5	0.4	0	0					
Wind direction	W	SW	SW	W	W	NW	W	W	W	W	W	W
Wind movement	8	8	10	8	6	4	4	4	4	3	3	3

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	78	85	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.2 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 23
Prevailing wind direction, W Total wind, 189
Average hourly velocity, 7.9 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 9:50 am
Reduced barometer, 29.95 7 a. m. 30.01 7 p. m.
River gage, 0.2 feet
Relative humidity, 48 7 a. m. 58 7 p. m.

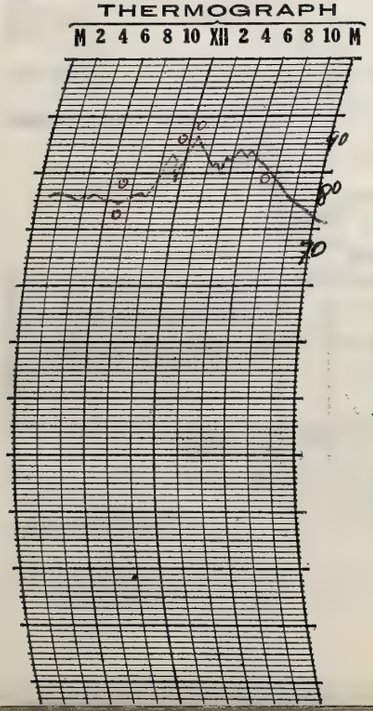
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

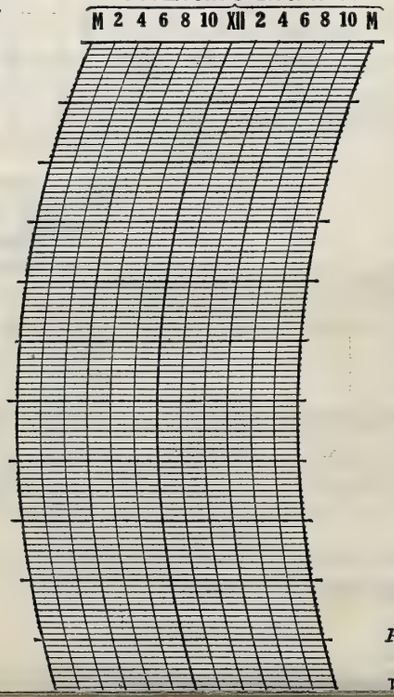
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 91.2 Wet temperature, 73.2
Dew-point, 65 R. humidity, 43 V. pressure, .616
Clouds: Amount, 8; Kind, stcu; Direction, SW
Velocity of clouds (miles per hour)

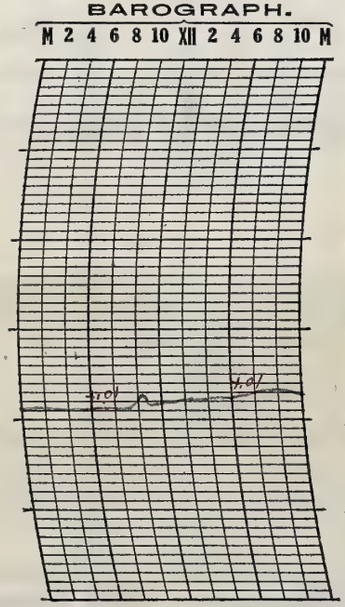
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH

Verified by E.L.H.

NOTES

A light sprinkle occurred between 10 and 11 am. It was too light to do any good. A cloudy threatening day, cloudy into the night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 5 1930, 193

Time (local standard) 90th mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	76	75	73	74	76	79	84	86	89	91
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Pt Cldy			X				
Sunshine (in tenths of hours)					0.32 0	0	0.1	0.1	0.8	0.9	0.9	0.4
Wind direction	N	NE	NE	E	E	E	E	SE	SE	SE	SE	SE
Wind movement	4	5	5	4	4	5	6	5	7	6	7	4

Sunrise: Time, 4:41 Character, Clear

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76 RB 12:33	74 RE 1:55	74	77	76	76	76	76	72 RB 8:05	71	71	70 RE 11:40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	.05							.04	.14	.07	T
Cloudiness and other conditions		Cloudy										
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	NW	S	S	SE	S	SW	S	W	NW	NW	NE	NE
Wind movement	7	6	6	4	3	2	3	3	7	3	4	5

Sunset: Time, 6:53 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
91	70	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .05 ins.

Total precipitation, midnight to midnight, .30 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 3.5 Possible sunshine, hours, 14.2

Per cent of possible sunshine, 25

Prevailing wind direction, SE Total wind, 115

Average hourly velocity, 4.8 Extreme velocity, 19

Maximum velocity, 18 Direction, W

Time began, 12:37 p.m.

Reduced barometer, 30.09 7 a. m, 30.04 7 p. m.

River gage, 0.2 feet

Relative humidity, 61 7 a. m. 77 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

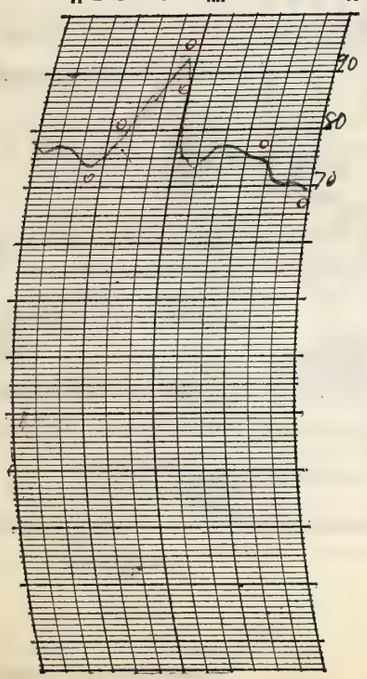
Dry temperature, 90.9 Wet temperature, 70.9

Dew-point, 61 R. humidity, 37 V. pressure, 25.36

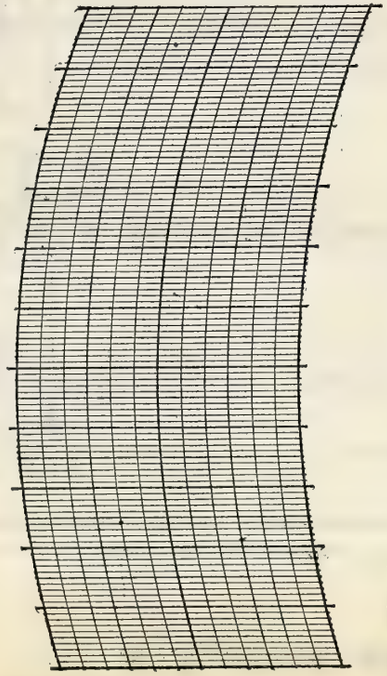
Clouds: Amount, 10; Kind, Stcu; Direction, W.

Velocity of clouds (miles per hour)

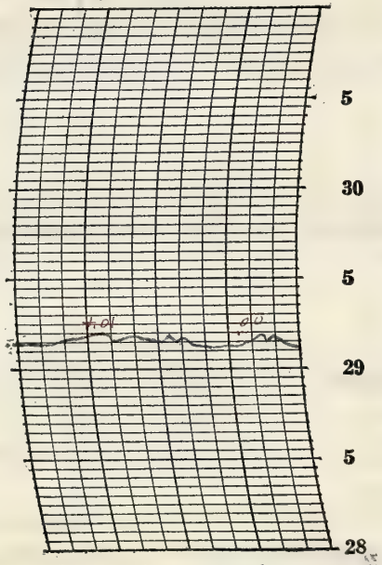
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

A cloudy threatening day, the thundershowers that occurred during the afternoon and at night came fairly steady and were badly needed. No wind storms or other damage was reported from storms.

12:30 pm & 8:10 pm

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 6 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	68	68	67	68	71	74	77	80	82	85	86	86	86	86	87	84	83	80	78	77	76	75
State of weather: Nature of precipitation and time of beginning and ending	RG PN2	RE DN2																						
Amounts of precipitation	.03	.13																						
Cloudiness and other conditions	← Cloudy →												← Pt. Cldy →											
Sunshine (in tenths of hours)					0	0	0	0.7	1.0	1.0	1.0	1.0	0.9	0.3	0.3	0.2	0.8	0	0					
Wind direction	N	NE	NE	E	E	E	NE	NE	NE	NE	E	N	NE	E	SE	S	SW	S	S	S	S	S	S	S
Wind movement	7	6	3	4	5	4	4	5	5	6	4	5	4	4	2	3	4	5	4	4	4	2	2	1

Sunrise: Time, 7:42 Character, Cloudy
Moonrise:
Sunset: Time, 6:52 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

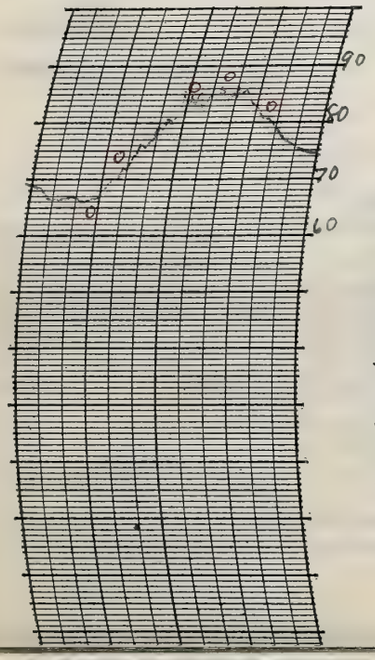
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	67	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .41 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.16 inches.
Character of day, Partly Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 7.4 Possible sunshine, hours, 14.2
Per cent of possible sunshine, 52
Prevailing wind direction, S Total wind, 97
Average hourly velocity, 4.0 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 12:44 A
Reduced barometer, 30.07 7 a. m. 29.96 7 p. m.
River gage, 0.6 feet
Relative humidity, 86 7 a. m. 62 7 p. m.

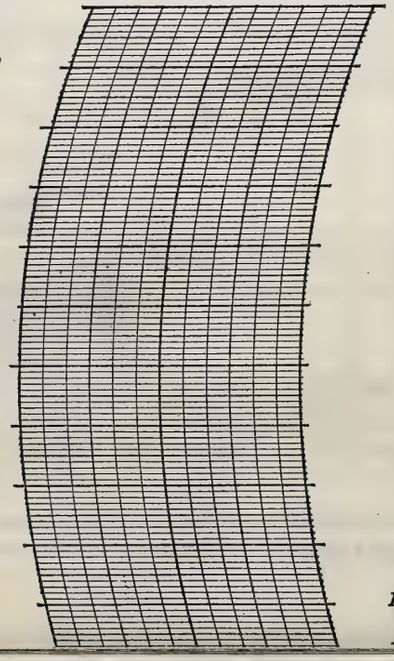
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 84.9 Wet temperature, 73.4
Dew-point, 68 R. humidity, 58 V. pressure, .684
Clouds: Amount, 2; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

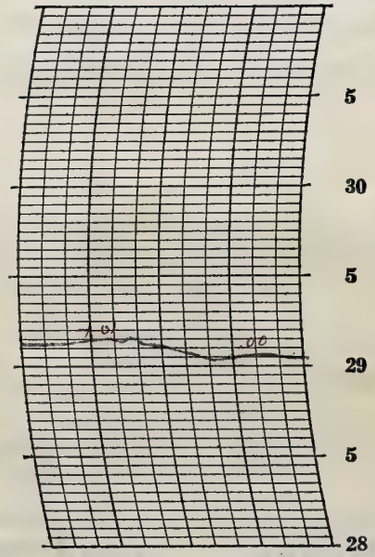
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. S. H.
F. Y. H.

NOTES

A partly cloudy day. The rain in the early morning was steady and did a great amount of good. B 12:45 a.m.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 7 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	74	74	72	71	70	72	73	75	77	79	80	81	84	86	85	85	84	83	81	79	78	77	76
State of weather: Nature of precipitation and time of beginning and ending				RB 0NA		RE 5:55A																		
Amounts of precipitation				.05	.04	.08																		
Cloudiness and other conditions					←					Cloudy		→	←				Partly				cloudy			→
Sunrise: Time, 4:43 Character, Cloudy																					Sunset: Time, 6:51 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0	0	0.2	0.7	0.6	0.1	0.8	0.3	0	0	0	0					
Wind direction	S	S	S	SW	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	SW
Wind movement	2	4	5	4	12	5	3	1	2	3	4	6	4	4	4	5	3	4	2	3	2	3	1	2
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	70	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.17 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.17 inches.
Character of day Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 2.7 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 19
Prevailing wind direction, W Total wind, 88
Average hourly velocity, 3.7 Extreme velocity, 15
Maximum velocity, 15 Direction, W
Time began, 4:30 am
Reduced barometer, 29.96 7 a. m. 29.89 7 p. m.
River gage, 1.0 feet
Relative humidity, 95 7 a. m. 72 7 p. m.

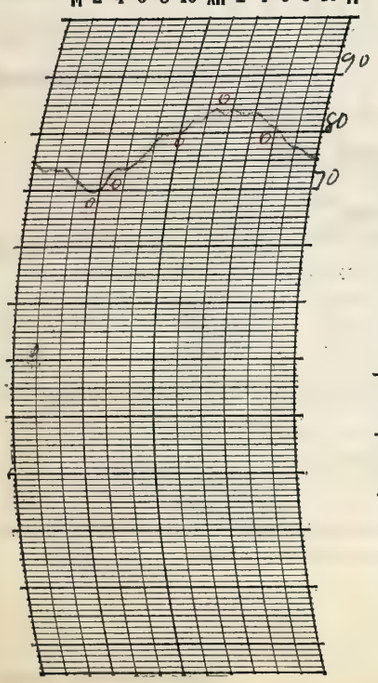
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

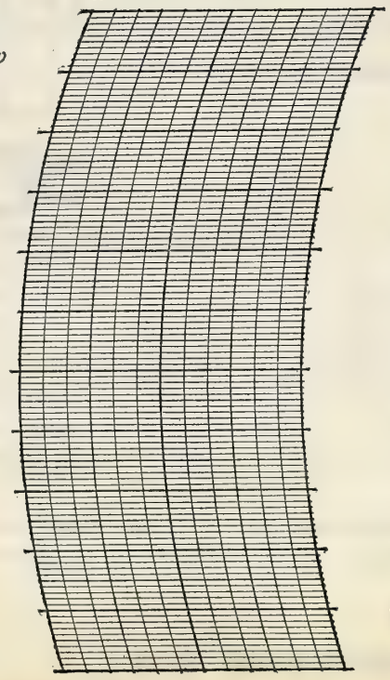
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.5 Wet temperature, 75.0
Dew-point, 72 R. humidity, 77 V. pressure, 28.3
Clouds: Amount, 7; Kind, St+Cu; Direction, SW
Velocity of clouds (miles per hour)

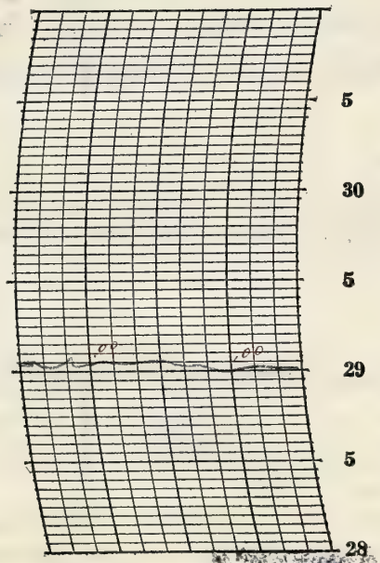
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. J. H.

Verified by E. J. H.

8—486

NOTES

a cloudy and warm day. Cloudy and warm into the night

☒ 3:20 am

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 8 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	76	76	76	75	75	75	75	76	79	82	84	86	86	87	88	89	86	84	82	80	79	77	76
State of weather: Nature of precipitation and time of beginning and ending										RB 9:10 RE 9:20														
Amounts of precipitation										T														
Cloudiness and other conditions	← Cloudy →																							
Sunshine (in tenths of hours)					0	0	0	0	0	0.4	1.0	1.0	0.7	0.6	1.0	1.0	0.7	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	N	E	SW	W	W	W	NW	SW	SW	W	W	W	NW	NW	NW	NW	NW
Wind movement	4	1	2	2	3	3	5	5	3	6	9	10	10	6	8	10	12	9	7	6	6	7	6	5

Sunrise: Time, 4:44 Character, Cloudy
Moonrise:
Sunset: Time, 6:48 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

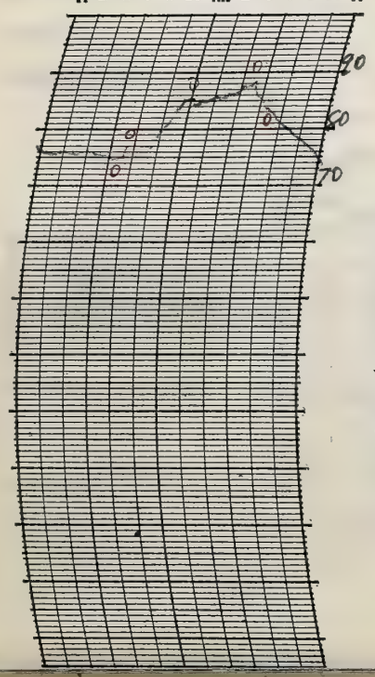
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
89	75	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 6.4 Possible sunshine, hours, 14.1
Per cent of possible sunshine, 45
Prevailing wind direction, SW Total wind, 145
Average hourly velocity, 6.0 Extreme velocity, 15
Maximum velocity, 15 Direction, SW
Time began, 10:43
Reduced barometer, 29.89 7 a. m. 29.88 7 p. m.
River gage, 0.7 feet
Relative humidity, 93 7 a. m. 63 7 p. m.

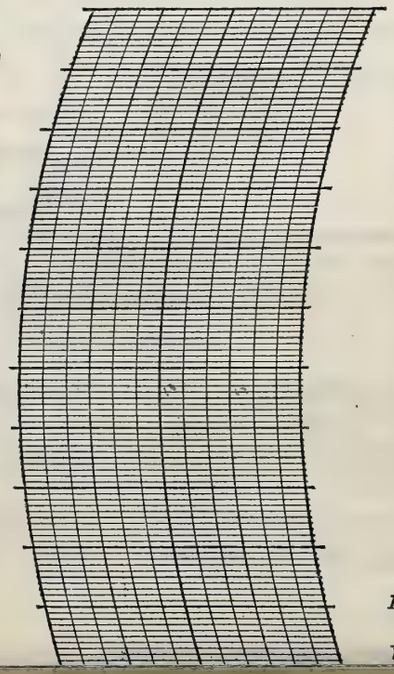
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 84.7 Wet temperature, 75.9
Dew-point, 72 R. humidity, 68 V. pressure, 28.3
Clouds: Amount, 7; Kind, Strat; Direction, SW
Velocity of clouds (miles per hour)

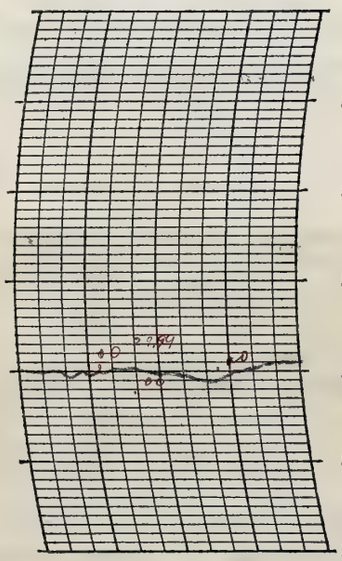
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

NOTES

cloudy, but sun shone through broken clouds during part of the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 9 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	69	69	68	69	74	78	81	85	88	88	90	91	92	89	88	81	68	67	66	67	66	66
State of weather: Nature of precipitation and time of beginning and ending																		RB 5:45		RE 7:55				
Amounts of precipitation																		0.20	1.0	.06				
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					0	0	0.5	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0	0					
Wind direction	NW	NW	NW	W	W	W	W	W	S	SW	SW	SW	SW	SW	SW	SW	SW	W	N	S	SW	W	W	NW
Wind movement	3	4	3	4	3	3	3	3	6	10	8	7	9	9	10	8	2	12	8	5	5	4	6	5
Maximum velocities (exceeding 24 miles) direction and time																		43 W 5:43P						

Sunrise: Time, 4:44 Character, Cloudy

Moonrise:

Sunset: Time, 6:48 Character, Cloudy

Moonset:

Partly Cloudy — Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
92	66	79	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.28 ins.

Total precipitation, midnight to midnight, 0.36 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 7.6 Possible sunshine, hours, 14.1

Per cent of possible sunshine, ~~47~~ 54

Prevailing wind direction, SW Total wind, 136

Average hourly velocity, 5.7 Extreme velocity, 48

Maximum velocity, 43 Direction, W

Time began, 5:43 P.M.

Reduced barometer, 29.97 7 a. m. 29.91 7 p. m.

River gage, 0.6 feet

Relative humidity, 78 7 a. m. 97 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

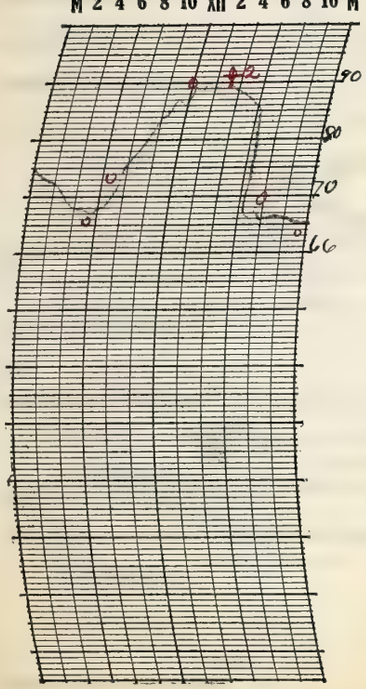
Dry temperature, 88.5 Wet temperature, 68.0

Dew-point, 58 R. humidity, 35 V. pressure, 48 2

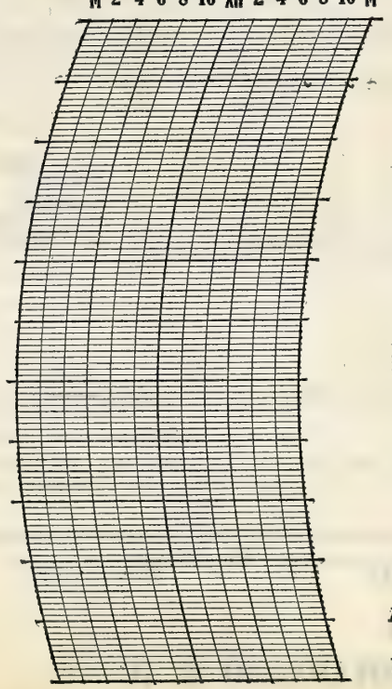
Clouds: Amount, 7; Kind, Cist; Direction, NW

Velocity of clouds (miles per hour) 0

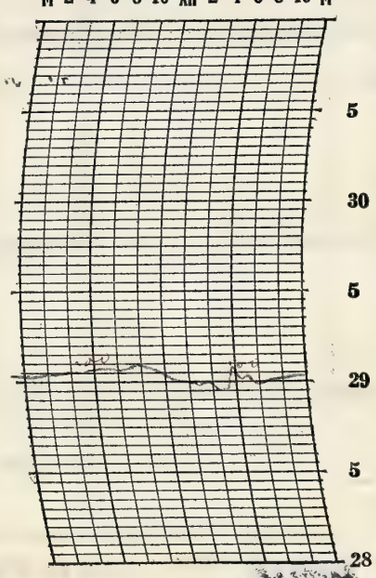
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

A gale occurred 5:43 P.M. It lasted eight minutes and moved in from a little north of west. The storm disrupted telephone and traction service both in and out of the city. Local telephone wires were broken. Much damage was done to trees and to power lines. No one was reported hurt.

The sky was serene RB 5:45pm — W

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 10 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	67	66	65	61	61	65	67	69	70	71	72
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← Clear				→ P.C.	Cloudy	
Sunshine (in tenths of hours)					.25 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Wind direction	NW	NW	N	N	N	N	NE	N	NE	N	N	NE
Wind movement	5	8	11	12	9	6	3	6	8	10	14	13

Sunrise: Time, 4:45 Character, Clear

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	74	73	74	70	68	64	61	60	59	58
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	1.0	1.0	.78 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	11	12	11	11	14	13	11	9	7	6	5	4

Sunset: Time, 6:47 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	58	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .08 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 14.0 Possible sunshine, hours, 14.0

Per cent of possible sunshine, 100

Prevailing wind direction, NW Total wind, 219

Average hourly velocity, 9.1 Extreme velocity, 16

Maximum velocity, 15 Direction, SW

Time began, 10:51 am

Reduced barometer, 30.10 7 a. m. 30.09 7 p. m.

River gage, 0.7 feet

Relative humidity, 68 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

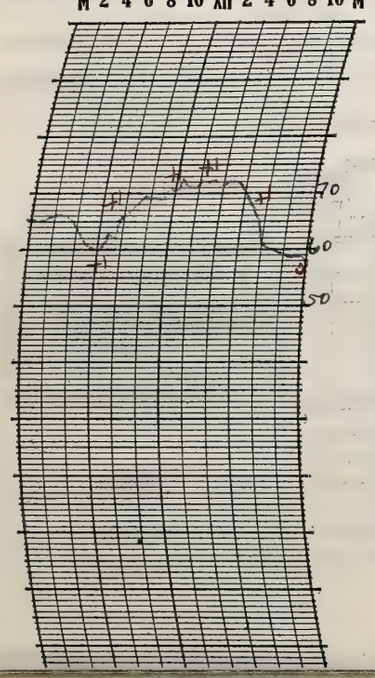
Dry temperature, 71.8 Wet temperature, 56.3

Dew-point, 44 R. humidity, 37 V. pressure, 28.7

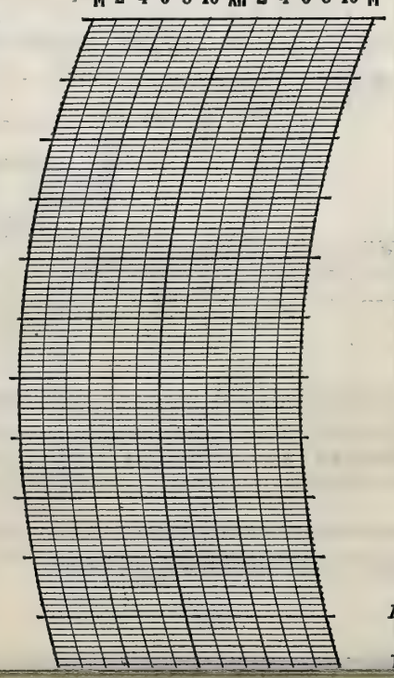
Clouds: Amount, 6; Kind, Cu; Direction, N

Velocity of clouds (miles per hour)

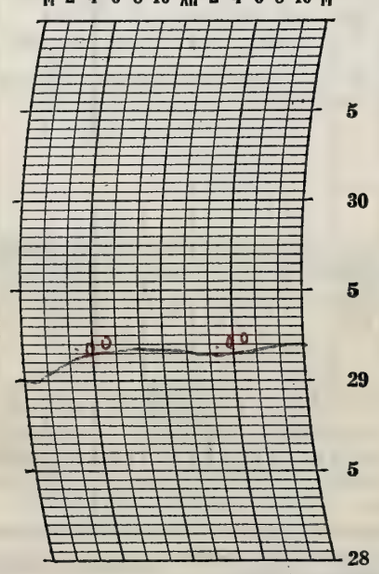
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H

NOTES

Clear, cool pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 11 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	55	55	54	53	53	56	61	65	66	66	67
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear				→			
Sunshine (in tenths of hours)					0.22 0	1.0 0	1.0 0	0.8	0.9	1.0	1.0	0.8
Wind direction	W	W	NW	NW	NW	NW	NW	NW	NW	W	NW	NW
Wind movement	2	4	6	6	4	3	5	7	9	13	13	12

Sunrise: Time, 4:17 Character, Clear

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	70	71	72	70	69	65	62	60	58	57	57
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← P. cldy		→	Clear				
Sunshine (in tenths of hours)	0.8	0.5	0.9	0.9	0.8 0.2	1.0 0	0.75 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	15	12	13	12	13	11	8	9	6	6	5	4

Sunset: Time, 6:45 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10),

Actual sunshine, hours, 13.6 Possible sunshine, hours, 14.0

Per cent of possible sunshine, 90

Prevailing wind direction, NW Total wind, 198

Average hourly velocity, 8.2 Extreme velocity, 17

Maximum velocity, 16 Direction, N

Time began, 12:25 PM

Reduced barometer, 30.23 7 a. m. 30.22 7 p. m.

River gage, 6.7 fall

Relative humidity, 60 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

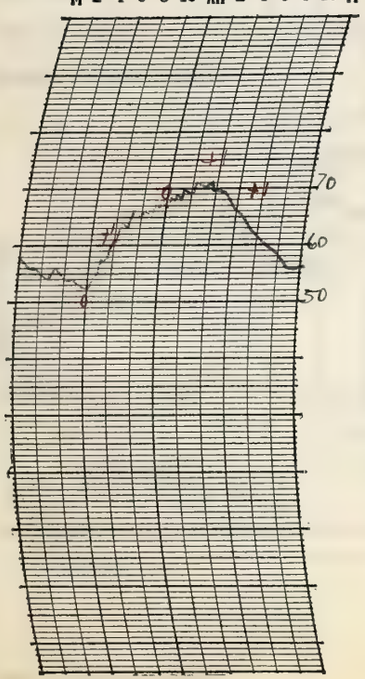
Dry temperature, 67.0 Wet temperature, 58.5

Dew-point, 53 R. humidity, 60 V. pressure, .402

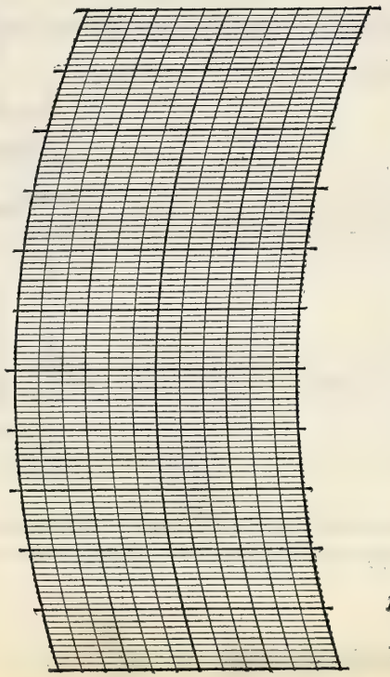
Clouds: Amount, 3 cirst; Kind, cu cu; Direction, NW

Velocity of clouds (miles per hour)

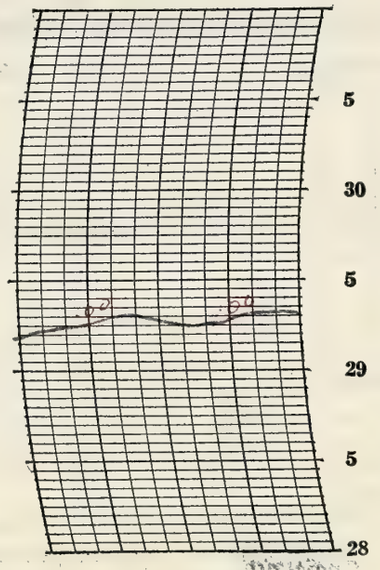
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. K.

Verified by E. L. H.

8—486

NOTES

Clear, cool beautiful day
Some cumulus clouds in afternoon

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Tuesday, (Date) AUG 12 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	53	52	55	59	63	67	69	70	72	73	75	77	76	75	74	73	70	68	65	62	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					0.20 0	1.0 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	1.0 0	1.73 0					
Wind direction	N	N	N	N	N	N	N	NE	E	NE	NE	N	N	NE	N	NE	NW	N	NE	E	E	E	E	SE
Wind movement	4	4	2	3	4	3	5	6	6	6	6	5	7	7	5	5	4	5	3	4	4	3	6	8
Maximum velocities (exceeding 24 miles) direction and time																								

Clear

Sunrise: Time, 7:48 Character, Clear
Moonrise:

Sunset: Time, 6:44 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

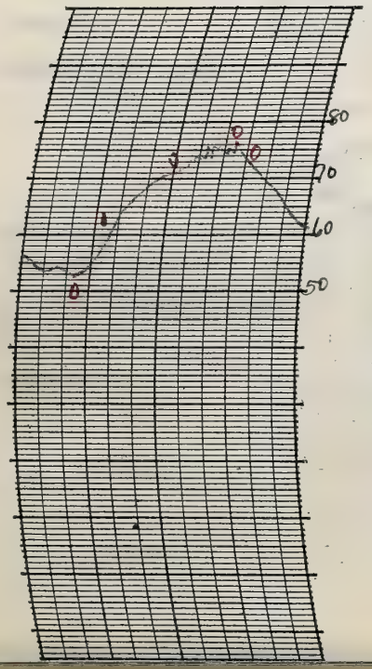
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
77	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 13.9 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 100
Prevailing wind direction, N Total wind, 115
Average hourly velocity, 4.8 Extreme velocity, 10
Maximum velocity, 10 Direction, V
Time began, 12:25 P.M.
Reduced barometer, 30.34 7 a. m. 30.28 7 p. m.
River gage, 0.5 feet
Relative humidity, 83 7 a. m. 38 7 p. m.

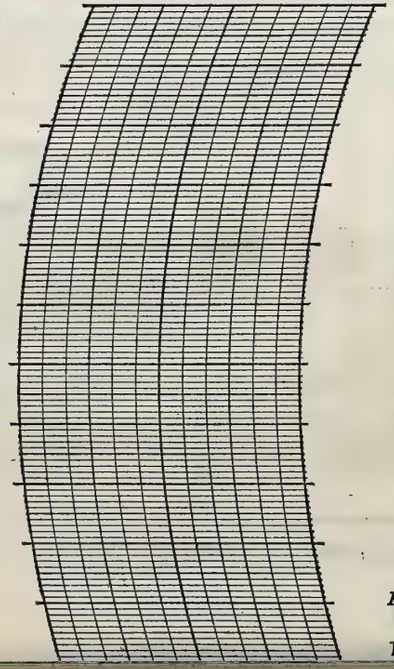
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.4 Wet temperature, 60.9
Dew-point, 53 R. humidity, 51 V. pressure, .402
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

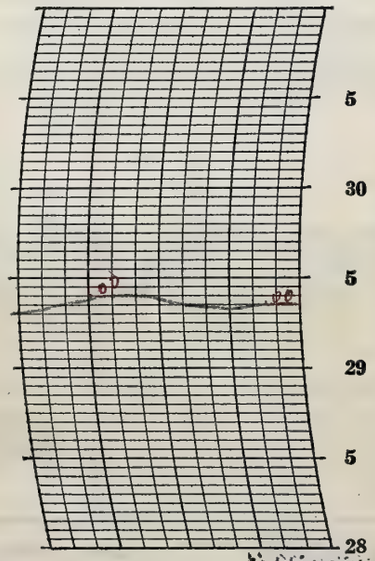
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H

NOTES

Clear, moderate beautiful day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 13 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	59	58	57	55	56	61	65	70	74	76	78	79	80	81	80	80	79	79	76	72	67	68	67
State of weather: Nature of precipitation and time of beginning and ending																		R	RB 6:50	RE 7:10		RB 9:10 RE 9:50		
Amounts of precipitation																			T	T		.02		
Cloudiness and other conditions					Cloudy					Clear	Pt Cloudy		Cloudy					Cloudy						
Sunshine (in tenths of hours)					0.18 0	0.5 0	0 0	0.1	0.9	1.0	1.0	1.0	0.8	1.0	1.0	0	0	0	0					
Wind direction	E	E	SE	SE	E	E	E	SE	SE	SE	SE	S	SE	S	S	S	SE	SE	E	E	E	N	SW	E
Wind movement	6	6	3	2	3	4	4	7	7	8	9	8	8	7	8	7	6	3	4	2	3	5	3	4

Sunrise: Time, 4:49 Character, Clear
Moonrise:
Sunset: Time, 6:43 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

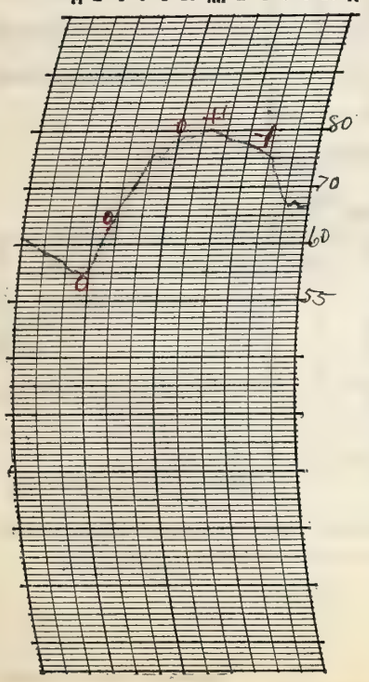
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m. 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day Part Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.5 Possible sunshine, hours, 13.9
Per cent of possible sunshine, 54
Prevailing wind direction, E/SE Total wind, 127
Average hourly velocity, 5.3 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 12:14 P.M.
Reduced barometer, 30.25 7 a. m. 30.02 7 p. m.
River gage, 0.2 feet
Relative humidity, 54 7 a. m. 52 7 p. m.

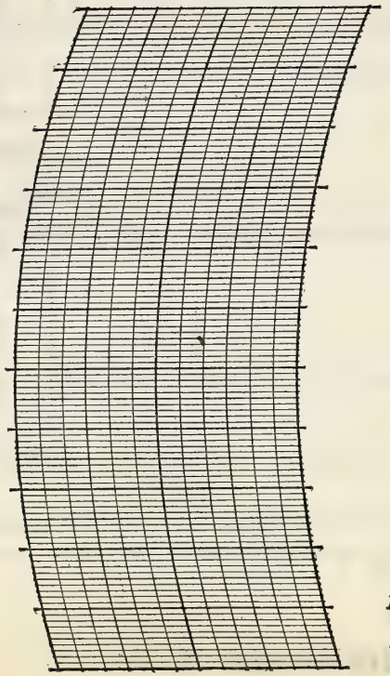
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 78.2 Wet temperature, 66.2
Dew-point, 59 R. humidity, 53 V. pressure, .499
Clouds: Amount, 5; Kind, cst; Direction, W
Velocity of clouds (miles per hour)

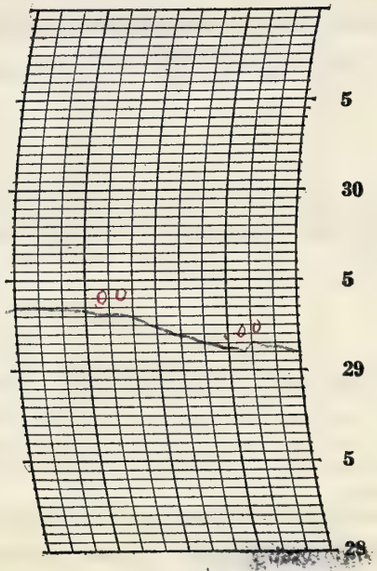
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.
Verified by E.L.H.

8—486

NOTES

Partly cloudy in the morning followed by overcast skies in late afternoon and at night. Light scattered showers occurred during the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) AUG 14 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	66	65	63	64	65	68	72	73	75	77	78	80	82	80	78	76	75	72	71	69	67	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunshine (in tenths of hours)					.17 0	1.0 0	1.0 0	0.8 0.2	0.8	0.8	1.0	1.0	1.0	0.8	0.6	0.2	0	0.5 0	.68 0					
Wind direction	SE	S	S	S	S	S	S	S	S	SW	NE	NE	SE ~~N~~	E ~~E~~	SW ~~E~~	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	4	3	3	3	5	4	4	5	5	3	5	4	5	3	6	6	7	8	7	6	4	3	4	2

Sunrise: Time, 4:50 Character, Clear
Moonrise:
Sunset: Time, 6:41 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

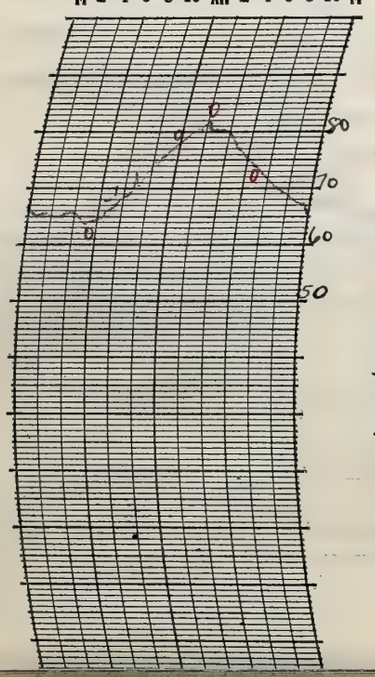
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	63	72	

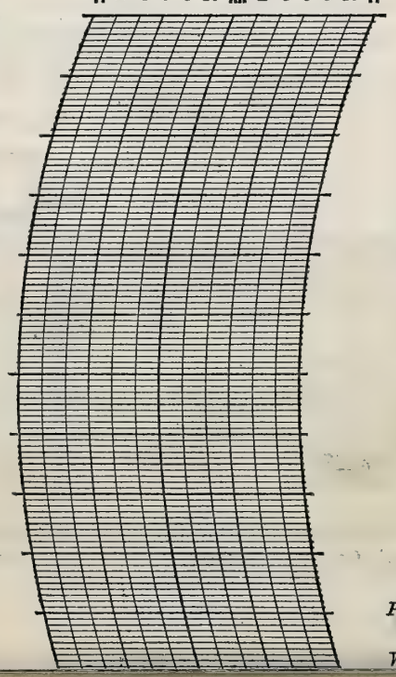
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.6 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 77
Prevailing wind direction, ~~S~~ SW Total wind, 109
Average hourly velocity, 4.5 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 5:05 PM
Reduced barometer, 29.97 7 a. m., 29.88 7 p. m.
River gage, 0.2 feet
Relative humidity, 75 7 a. m., 57 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 77.2 Wet temperature, 65.7
Dew-point, 59 R. humidity, 54 V. pressure, 4.99
Clouds: Amount, Few; Kind, Cirr.; Direction, S
Velocity of clouds (miles per hour)

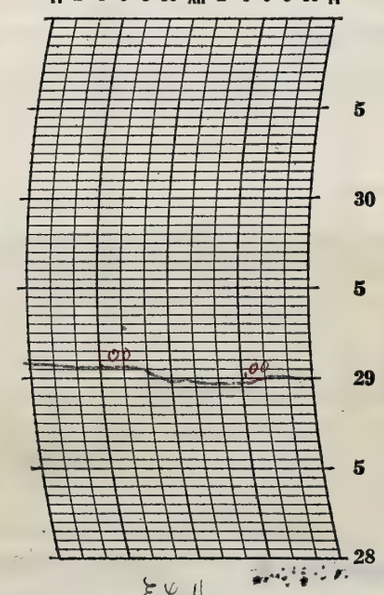
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H.

NOTES

Almostly clear, moderate beautiful day. Mostly clear at night. A few cumulus clouds in the morning and some scattered high clouds in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) AUG 15 1930, 193

Time (local standard) 0.0 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	62	62	60	61	63	71	75	79	80	82	83	83	86	84	85	82	81	77	74	72	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions											Clear							Partly Cloudy		Clear				
Sunshine (in tenths of hours)					.15 0	1.0 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	0.8	0.7	0.9	0.7	0	0	0					
Wind direction	W	W	W	W	W	W	W	N	N	N	NW	NW	NW	W	NW	W	NW	N	NE	NE	E	E	E	E
Wind movement	3	3	3	4	3	2	3	3	2	3	7	5	4	7	5	6	3	4	5	5	3	2	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 4:51 Character, Clear

Moonrise:

Sunset: Time, 6:40 Character, Cloudy

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	60	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 10.2 Possible sunshine, hours, 13.8

Per cent of possible sunshine, 74 of 10

Prevailing wind direction, W Total wind, 91

Average hourly velocity, 3.3 Extreme velocity, 8

Maximum velocity, 8 Direction, N

Time began, 10:24 am

Reduced barometer, 29.97 7 a. m. 29.91 7 p. m.

River gage, 0.2 fall

Relative humidity, 79 7 a. m. 44 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

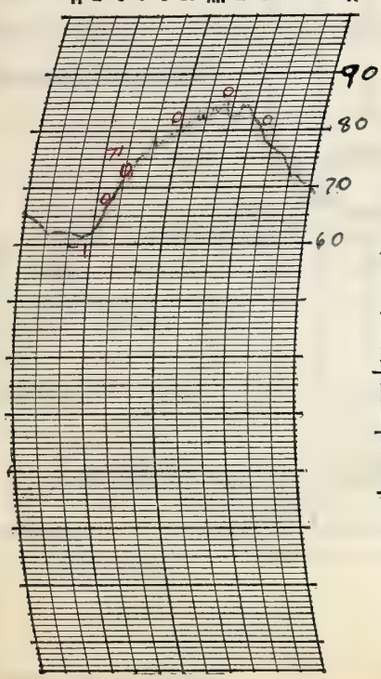
Dry temperature, 82.1 Wet temperature, 67.1

Dew-point, 59 R. humidity, 46 V. pressure, .499

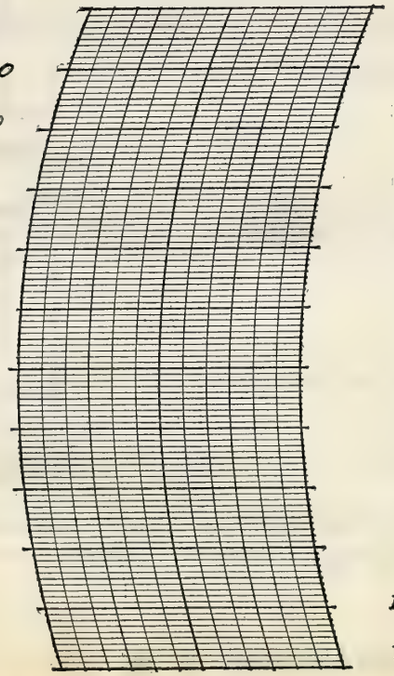
Clouds: Amount, 3; Kind, cist; Direction, NW

Velocity of clouds (miles per hour)

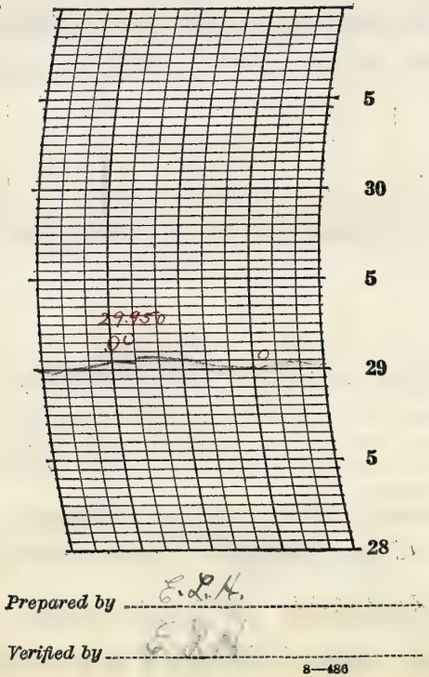
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by

8—486

NOTES

Mostly clear day - some high clouds most of the afternoon. Fine flying conditions.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 16 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	66	66	66	66	67	70	75	79	81	83	75	76	77	77	77	77	76	74	73	73	72	71
State of weather: Nature of precipitation and time of beginning and ending													RB 12:45	RE 1:20										
Amounts of precipitation													T	.01										
Cloudiness and other conditions					←		Cloudy				Partly	X				Cloudy							→	
Sunrise: Time, 4:52 Character, Cloudy																					Sunset: Time, 6:39 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)					0	0	0	0	0.5	0.4	0.7	0	0	0	0	0	0	0	0					
Wind direction	E	SE	E	SE	SE	SE	S	SW	S	SW	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	E	SE	S
Wind movement	3	2	3	5	5	5	3	5	3	4	4	6	11	6	9	7	6	3	2	2	3	2	2	1
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.6 Possible sunshine, hours, 13.8
Per cent of possible sunshine, 12
Prevailing wind direction, SW Total wind, 102
Average hourly velocity, 4.2 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 12:42 p.m.
Reduced barometer, 29.96 7 a. m. 29.93 7 p. m.
River gage, 0.4 feet
Relative humidity, 70 7 a. m. 80 7 p. m.

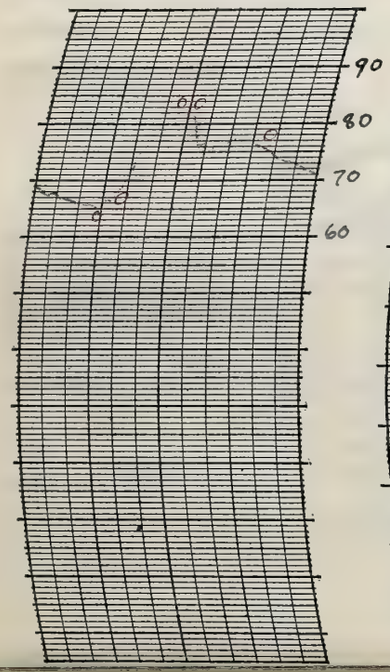
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

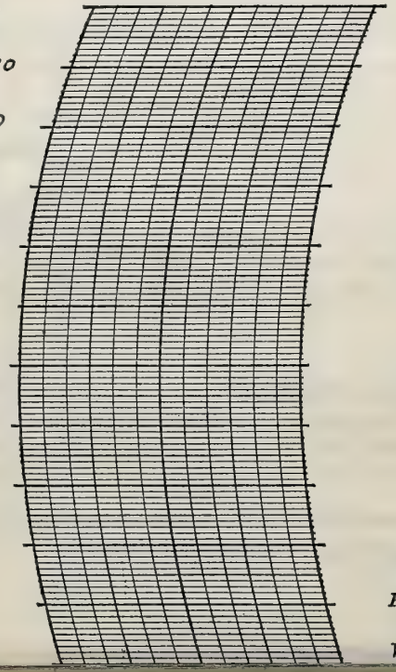
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 82.7 Wet temperature, 69.7
Dew-point, 64 R. humidity, 52 V. pressure, .585
Clouds: Amount, 7; Kind, Cu St; Direction, W
Velocity of clouds (miles per hour)

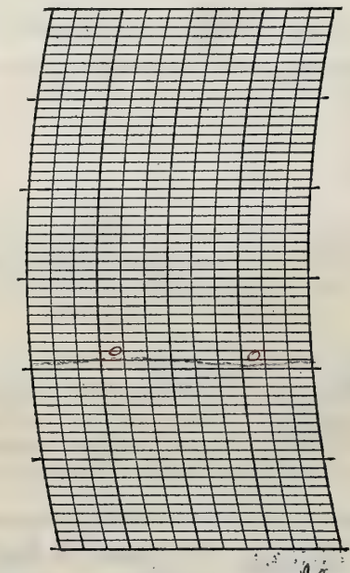
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H. & [illegible]

Verified by E. L. H.

NOTES

A overcast day with light sprinkle about noon. The shower made the streets very slippery from 1:00 pm to about 1:30 pm. Cloudy and threatening at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 17 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	67	66	66	65	64	63	64	65	66	66	66	65	66	66	66	67	66	65	64	63	63	62
State of weather: Nature of precipitation and time of beginning and ending					RB DN2			RE 7.05				RB 11.04		RE 1.10										
Amounts of precipitation					T	T	.01	T				.02	.03	.01										
Cloudiness and other conditions					Cloudy																			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	S	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	E	NE	NE	NE	NE	NE	NE	NE	E
Wind movement	4	4	4	4	4	6	7	8	9	9	8	5	5	5	6	5	5	4	5	3	2	3	6	6

Sunrise: Time, 4:53 Character, Cloudy
Moonrise:
Sunset: Time, 6:37 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

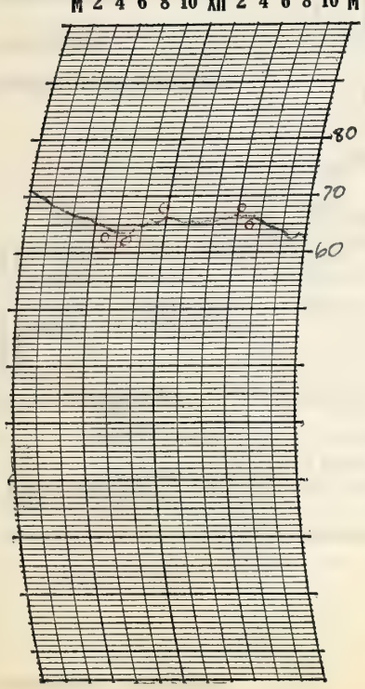
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	62	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 13.7
Per cent of possible sunshine, 0
Prevailing wind direction, NE Total wind, 127
Average hourly velocity, 5.3 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 9:29 pm.
Reduced barometer, 29.97 7 a. m. 30.00 7 p. m.
River gage, 0.4 feet
Relative humidity, 97 7 a. m. 73 7 p. m.

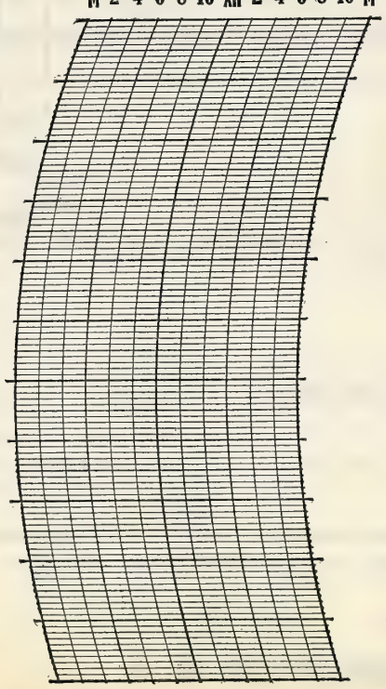
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 66.2 Wet temperature, 64.2
Dew-point, 63 R. humidity, 90 V. pressure, 0.24
Clouds: Amount, 10; Kind, stratus; Direction, W
Velocity of clouds (miles per hour)

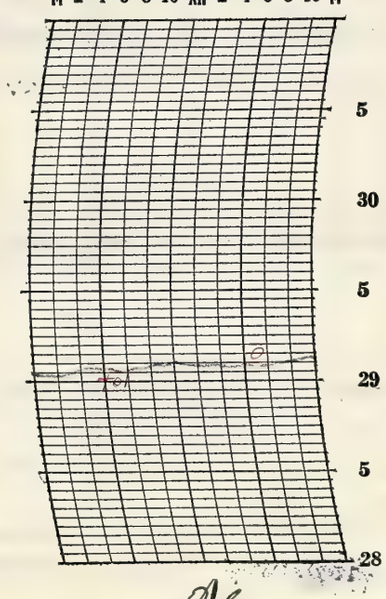
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

8—486

NOTES

Cloudy, showery day. Streets were slippery from 11:30 a.m. until about 1:30 p.m. Ceilings were moderate at Fort Wayne, but very low west and southwest. Visibility about 3 miles.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 18 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	57	56	55	56	61	66	68	70	72	74	75	76	75	75	76	75	72	69	67	64	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←		Clear					Partly					Clear							→
Sunshine (in tenths of hours)					0	0	0	0.5	1.0	1.0	1.0	0.9	0.8	0.8	0.5	0.5	0.3	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	NE	N	N	N	N	N	N	N
Wind movement	5	4	5	5	6	7	5	6	7	8	9	10	11	10	9	9	8	8	4	5	3	4	5	3

Sunrise: Time, 4:54 Character, Clear
Moonrise:
Sunset: Time, 6:36 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

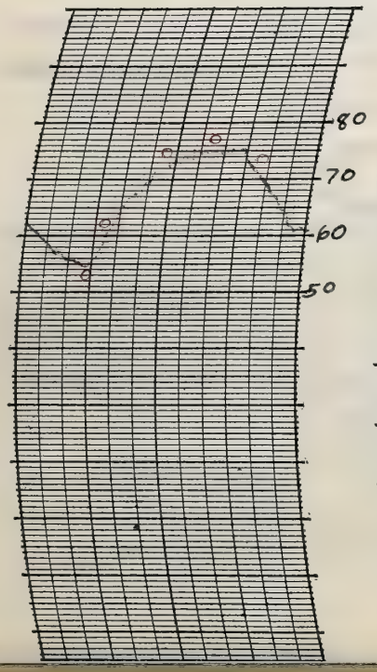
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.4 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 76
Prevailing wind direction, NE Total wind, 158
Average hourly velocity, 6.6 Extreme velocity, 17
Maximum velocity, 15 Direction, NE
Time began, 12:23 pm.
Reduced barometer, 30.08 7 a. m. 30.01 7 p. m.
River gage, 0.2 feet
Relative humidity, 68 7 a. m. 51 7 p. m.

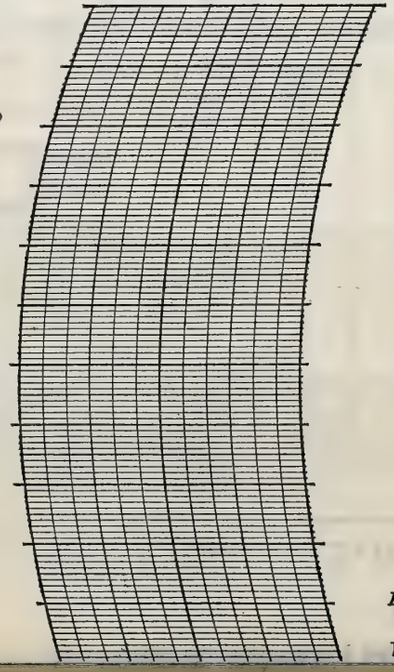
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 74.2 Wet temperature, 65.9
Dew-point, 62 R. humidity, 65 V. pressure, .555
Clouds: Amount, 5; Kind, cu.; Direction, NE
Velocity of clouds (miles per hour)

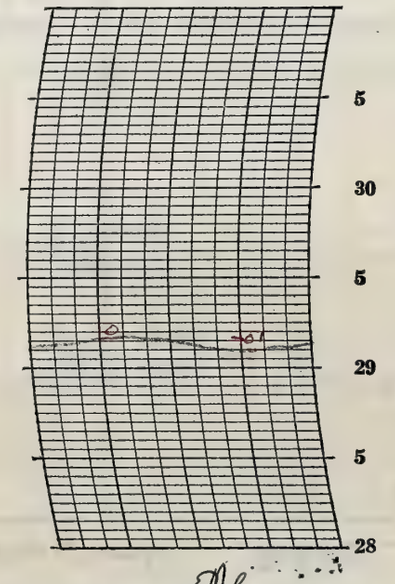
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by F. L. H.

NOTES

A mostly clear day with some scattered clouds (cumulus) in the sky most of the time. Excellent flying conditions.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 19 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	59	58	56	56	61	66	69	71	73	75	75	75	75	76	75	74	73	70	68	65	63	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Cloudy			— X Clear		X			— Part Cloudy								X Clear →			
Sunshine (in tenths of hours)					0.08 0	1.0 0	1.0 0	0.4 0.6	1.0	1.0	1.0	0.9	0.5	0.1	0.2	0.2	0.5 0	0.5 0	0					
Wind direction	N	N	NE	NE	NE	NE	NE	NEN		NE	NE	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	5	4	6	5	4	4	4	5	[illegible]	8	8	9	8	8	8	10	7	4	4	5	4	3	4

Sunrise: Time, 4:55 Character, Clear
Moonrise:
Sunset: Time, 6:34 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

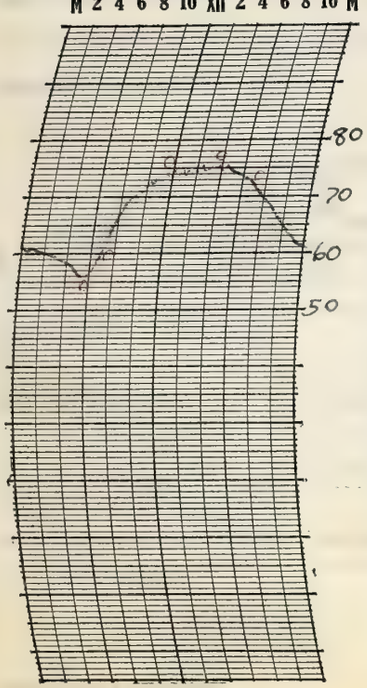
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	56	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.0 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 66
Prevailing wind direction, NE Total wind, 132
Average hourly velocity, 5.7 Extreme velocity, 14
Maximum velocity, 14 Direction, N
Time began, 4:08 p.m.
Reduced barometer, 30.11 7 a. m. 30.06 7 p. m.
River gage, 0.3 feet
Relative humidity, 77 7 a. m. 50 7 p. m.

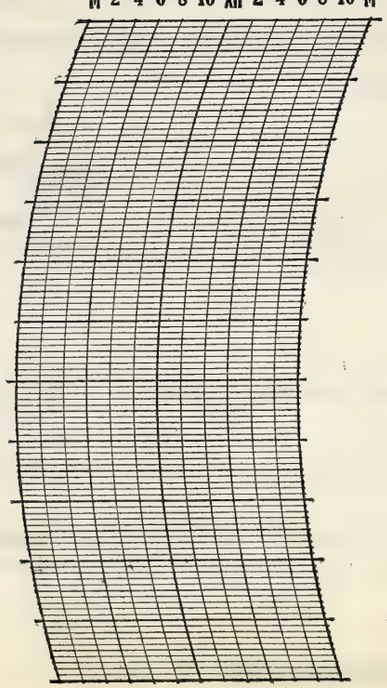
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.0 Wet temperature, 61.3
Dew-point, 53 R. humidity, 45 V. pressure, .402
Clouds: Amount, 5/2; Kind, Cu of; Direction, NE
Velocity of clouds (miles per hour)

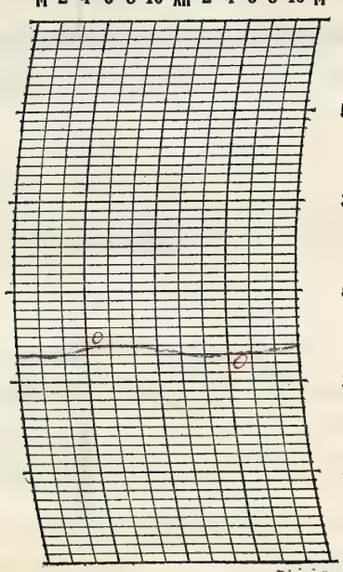
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

Sunshine to 6:00 pm from 5:30 pm
A partly cloudy day, mostly clear at night. There was some high clouds nearly all day and some cumulus clouds from 10:00 am until sunset. Excellent flying conditions

NOV 8 1930

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) ~~AUG 20 1930~~, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	57	56	57	59	64	68	71	72	73
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Cloudy							
Sunshine (in tenths of hours)					0	0	0	0.1	0.3	1.0	0.8	0.2
Wind direction	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	5	6	5	5	6	6	6	5	9	9	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	75	74	73	73	72	71	69	67	65	64	63
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunshine (in tenths of hours)	0.7	0.2	0.1	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	9	9	9	8	7	6	6	5	5	6	5

State of weather.

Sunrise: Time, 4:56 Character, Cloudy
Moonrise:

Sunset: Time, 6:33 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

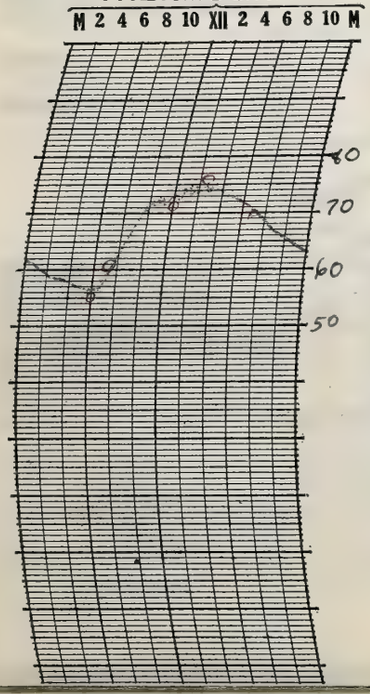
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	56	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 3.4 Possible sunshine, hours, 13.6
Per cent of possible sunshine, 25
Prevailing wind direction, NE Total wind, 160
Average hourly velocity, 6.7 Extreme velocity, 13
Maximum velocity, 13 Direction, NE
Time began, 2:17 p.m.
Reduced barometer, 30.15 7 a. m. 30.10 7 p. m.
River gage, 'X' -0.2 feet
Relative humidity, 81 7 a. m. 50 7 p. m.

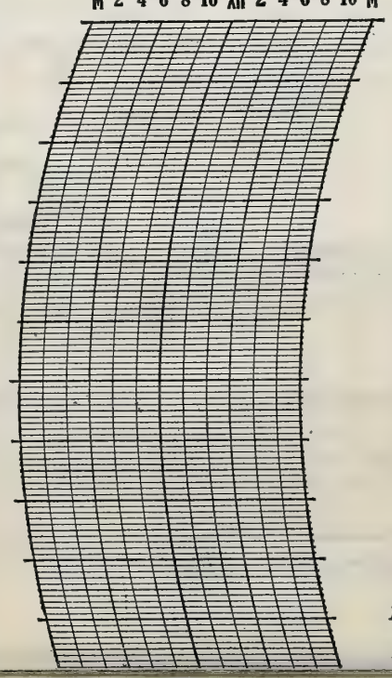
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 73.2 Wet temperature, 61.2
Dew-point, 53 R. humidity, 50 V. pressure, .402
Clouds: Amount, 8 ; Kind, cu 2 cu ; Direction, N NE
Velocity of clouds (miles per hour)

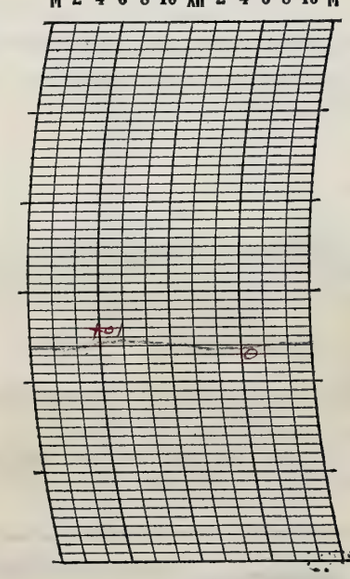
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.L.H

NOTES

A broken overcast sky prevailed during most of the day. High clouds in the morning and at night but cumulus clouds prevailed from 10:00 a.m. to 4:00 p.m. High ceilings and good visibility.

X. River reading too low caused by operation of Maumee dam.

Form No. 1014—Mot'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind. (Day of week) Thursday, (Date) AUG 21 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	62	61	60	59	62	66	68	69	70	71
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← Clear				× Pt Cldy	×		
Sunshine (in tenths of hours)					0.05 0	1.0 0	1.0 0	0.6 0.4	1.0	1.0	0.8	0.4
Wind direction	NE	N	N	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	5	7	8	8	7	8	11	14	17	18	18	17

Sunrise: Time, 4:52 Character, Clear

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70 RB 12:35	60	63 RE 2:15	62 RB 3:10	62	61	61	61 RE 7:05	62	61	60	60
Nature of precipitation and time of beginning and ending												
Amounts of precipitation	T	T	.01	+.01	+.02	+.02	+.02	T				
Cloudiness and other conditions						Cloudy				→		
Sunshine (in tenths of hours)	0.1	0	0	0	0	0	0					
Wind direction	NE	N	N	N	N	N	NE	NE	NE	NE	N	N
Wind movement	16	15	9	12	13	10	9	8	2	5	5	5

Sunset: Time, 6:31 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	~~68~~ 59	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.8 ins.

Total precipitation, midnight to midnight, 0.8 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 6.4 Possible sunshine, hours, 13.6

Per cent of possible sunshine, 47

Prevailing wind direction, N Total wind, 252

Average hourly velocity, 10.5 Extreme velocity, 23

Maximum velocity, 22 Direction, NE

Time began, 9:04 am.

Reduced barometer, 30.13 7 a. m. 30.12 7 p. m.

River gage, -0.7 feet

Relative humidity, 72 7 a. m. 93 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

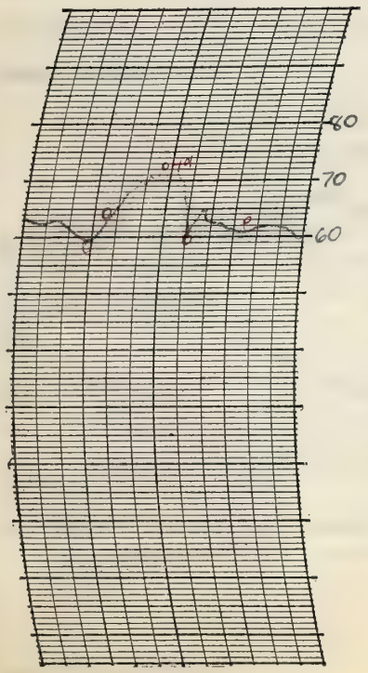
Dry temperature, 71.4 Wet temperature, 60.3

Dew-point, 53 R. humidity, 53 V. pressure, .402

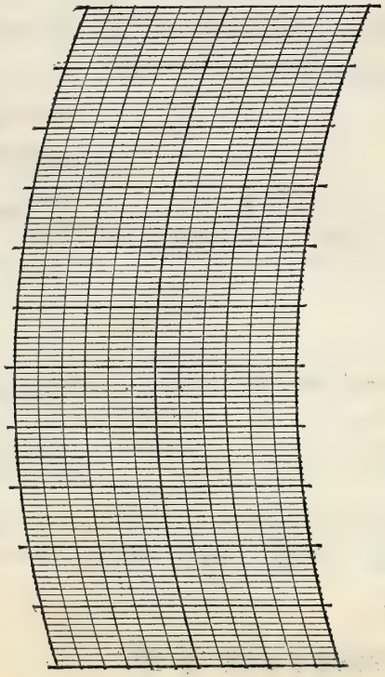
Clouds: Amount, 8 Cu; Kind, Cu; Direction, NE

Velocity of clouds (miles per hour)

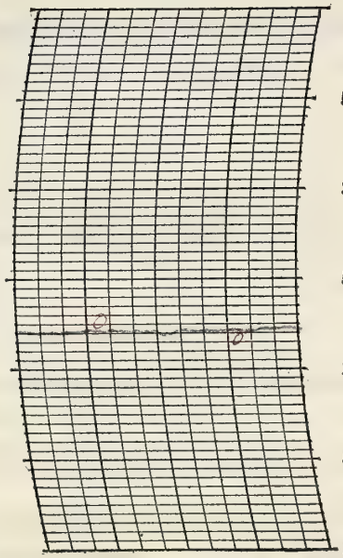
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.L.H.

8—486

NOTES

+ Bucket wires imperfect contact hourly amounts estimated.

River reading too low - caused by operation of Maumee Dam.

Partly cloudy in the morning followed by cloudy and showery weather during the afternoon. Cloudy and threatening at night. Streets were wet and very slippery from 1:30 pm to 2:30 pm and again from 3:10 pm to 3:30 pm. The lowest ceiling was about 2000 feet visibility good.

X: River reading too low caused by operation of the Maumee Dam.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 22 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	60	60	59	58	61	64	67	71	73	76	76	77	78	77	76	75	73	70	67	64	62	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear				→ X			Part Cloudy												→
Sunshine (in tenths of hours)					0.0 0	1.0 0	1.0 0	0.5 0	0.8	0.5	0.7	0.9	1.0	0.8	0.9	0.6	0	0	0					
Wind direction	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	NE	NE
Wind movement	5	4	6	6	6	6	7	8	10	11	10	12	14	12	11	11	8	7	4	3	1	2	4	3

Sunrise: Time, 4:58 Character, Clear
Moonrise:
Sunset: Time, 6:30 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

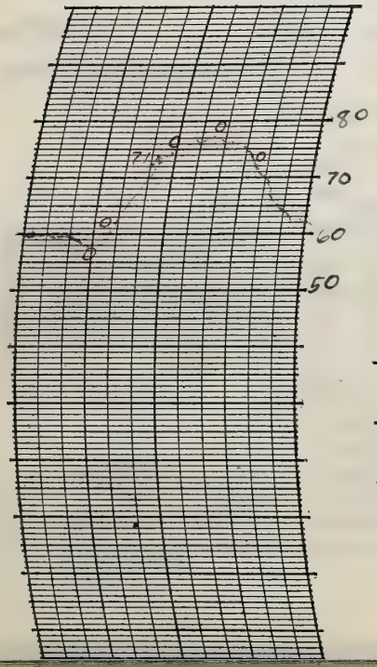
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	58	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Prtly Cldy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 8.7 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 64
Prevailing wind direction, NE Total wind, 171
Average hourly velocity, 7.1 Extreme velocity, 15
Maximum velocity, 15 Direction, NE
Time began, 12:55 pm.
Reduced barometer, 30.18 7 a. m., 30.12 7 p. m.
River gage, 0.4 feet
Relative humidity, 76 7 a. m., 46 7 p. m.

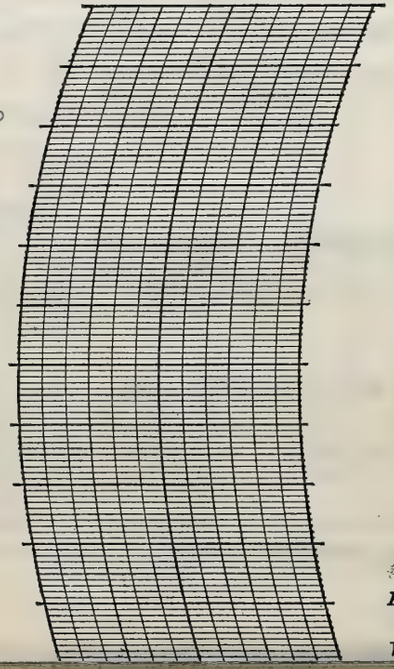
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 75.8 Wet temperature, 61.8
Dew-point, 53 R. humidity, 45 V. pressure, .402
Clouds: Amount, 3; Kind, cu; Direction, NE
Velocity of clouds (miles per hour)

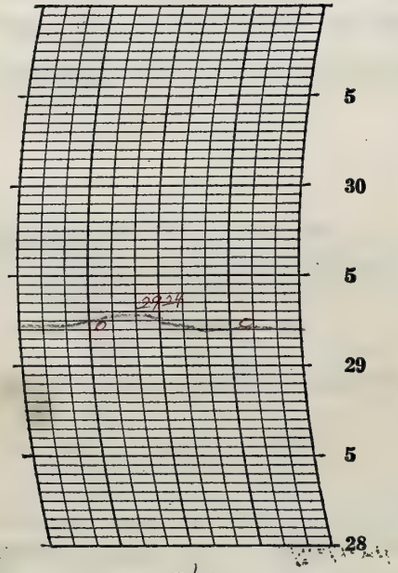
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

A partly cloudy, cool morning followed by partly cloudy and moderate in the afternoon. Good visibility and high ceiling.
Sunshine to 7:30 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 23 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	59	55	58	55	61	66	73	76	77	78
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Clear			×	Partly	×
Sunshine (in tenths of hours)					0.02 0	1.0 0	1.0 0	0.7 0.3	1.0	1.0	1.0	0.2
Wind direction	NE	N	N	N	N	N	N	NE	NE	N	N	N
Wind movement	4	6	4	5	5	4	4	6	8	15	15	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	73	76	78	70	66	65	65	63	63	62	61
State of weather: Nature of precipitation and time of beginning and ending				RB 3:35 RE 3:50	RB 3:40 RE 3:55							
Amounts of precipitation				T	.01							
Cloudiness and other conditions					Cloudy							→
Sunshine (in tenths of hours)	0.7	0.2	0.1	0.3	0	0	0					
Wind direction	N	NE	NE	N	NE	W	W	W	W	W	W	W
Wind movement	14	12	9	8	8	7	5	5	4	3	5	5
Maximum velocities (exceeding 24 miles) direction and time		28 NE 1:30										

Sunrise: Time, 4:59 Character, Clear
Moonrise:
Sunset: Time, 6:28 Character, Cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	58	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.5 Possible sunshine, hours, 13.5
Per cent of possible sunshine, 56
Prevailing wind direction, N Total wind, 181
Average hourly velocity, 7.5 Extreme velocity, 31
Maximum velocity, 28 Direction, NE
Time began, 1:30 P.M.
Reduced barometer, 30.13 7 a. m. 30.02 7 p. m.
River gage, *-0.2 feet
Relative humidity, 76 7 a. m. 75 7 p. m.

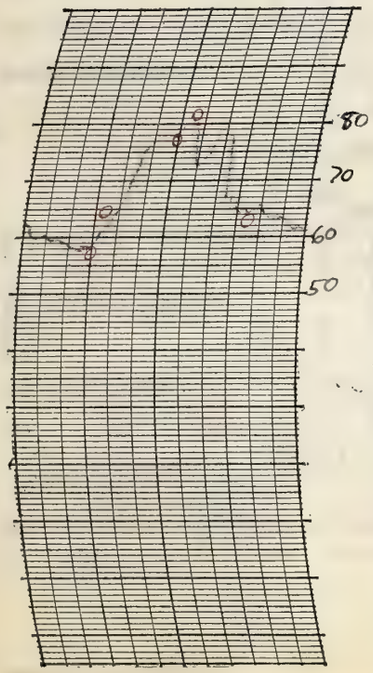
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

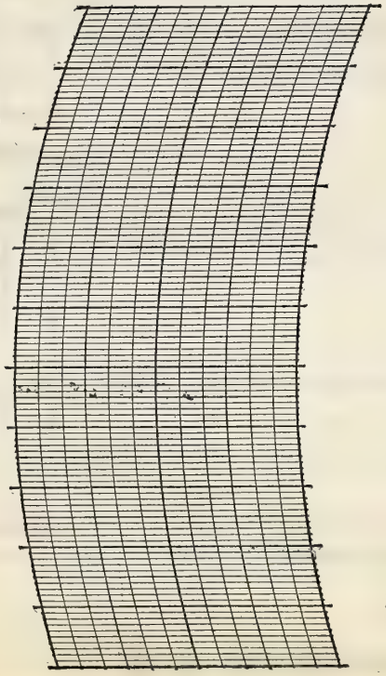
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 77.8 Wet temperature, 62.8
Dew-point, 54 R. humidity, 43 V. pressure, .412
Clouds: Amount, 3; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

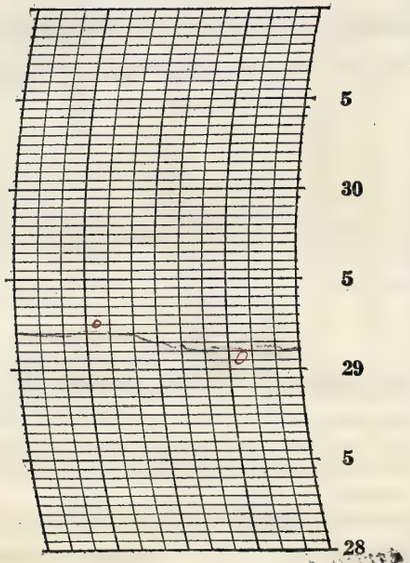
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ
Verified by E. Z. R.

8—486

NOTES

*Too low - caused by operation of Maximum thermometer.

Partly cloudy in the morning followed by a Cloudy Showery afternoon. Fresh winds in the afternoon caused some trouble in handling ships at the airport but no damage occurred. Visibility was good and ceiling high.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) AUG 24 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	59	59	58	58	62	70	76	78	80	81	80	77	77	75	74	71	70	70	68	65	65
State of weather: Nature of precipitation and time of beginning and ending															RB 200 RE 210									
Amounts of precipitation															T									
Cloudiness and other conditions							Partly Cloudy						Cloudy				X			Partly Cloudy				

Sunrise: Time, 5:00 Character, Cloudy
Moonrise:
Sunset: Time, 6:27 Character, Cloudy
Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0.1	1.0	1.0	1.0	1.0	0.6	0.1	0.1	0.4	0	0	0					
Wind direction	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	SW	SW	SW	SW	SW	SW	W	W	W	W
Wind movement	5	6	4	5	5	4	3	5	5	7	8	10	13	10	10	10	10	5	5	5	5	4	2	4
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

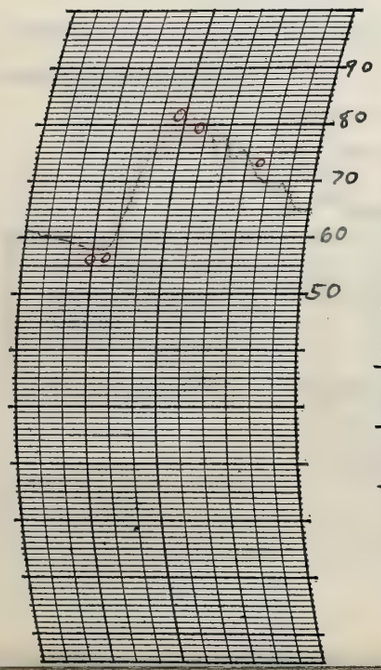
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	58	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Partly Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 5.3 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 40
Prevailing wind direction, W Total wind, 150
Average hourly velocity, 6.2 Extreme velocity, 15
Maximum velocity, 15 Direction, SW
Time began, 2:31 pm.
Reduced barometer, 30.07 7 a. m., 30.08 7 p. m.
River gage, × -0.2 feet
Relative humidity, 89 7 a. m. 70 7 p. m.

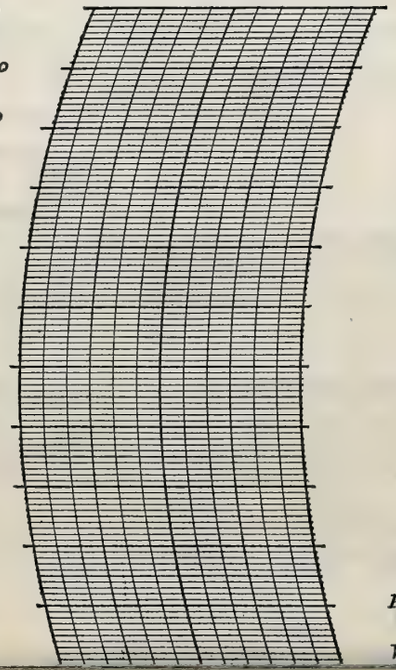
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 80.3 Wet temperature, 63.7
Dew-point, 53 R. humidity, 40 V. pressure, .402
Clouds: Amount, 3 2; Kind, Cu Cu; Direction, W W
Velocity of clouds (miles per hour)

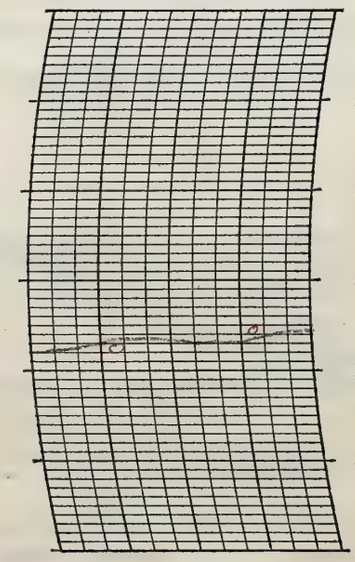
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.L.H.

NOTES

× Too low caused by operation of Maumee Dam.

Partly cloudy in the morning and at night, but cloudy during most of the afternoon with two very light sprinkles. Good flying conditions

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 25 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	62	62	60	61	63	67	71	77	79	81	83	83	84	83	81	79	77	73	71	68	67	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Cloudy												→
Sunshine (in tenths of hours)						1.00 0	1.0 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0	0					
Wind direction	W	W	W	SW	SW	SW	SW	SW	NW	W	NW	NW	NW	NW	N	N	NE	W	W	W	W	W	W	W
Wind movement	2	1	3	3	3	3	3	4	3	3	4	7	7	8	8	7	6	3	4	3	1	2	2	3

Sunrise: Time, 5:00 Character, Clear

Moonrise:

Sunset: Time, 6:25 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive ~~rate~~, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	60	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 9.8 Possible sunshine, hours, 13.4

Per cent of possible sunshine, 73

Prevailing wind direction, W Total wind, 93

Average hourly velocity, 3.9 Extreme velocity, 12

Maximum velocity, 12 Direction, NW

Time began, 1:50 p.m.

Reduced barometer, 30.20 7 a. m. 30.14 7 p. m.

River gage, +0.2 feet

Relative humidity, 79 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

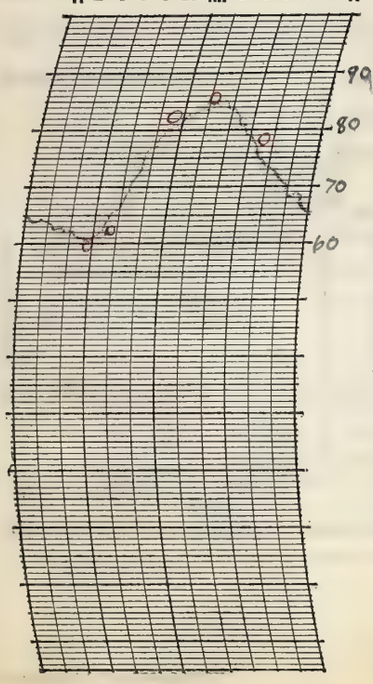
Dry temperature, 80.1 Wet temperature, 65.9

Dew-point, 58 R. humidity, 45 V. pressure, .482

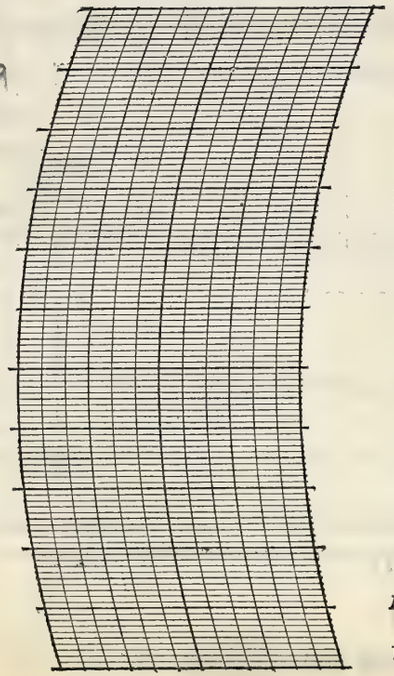
Clouds: Amount, 10; Kind, cst; Direction, NW

Velocity of clouds (miles per hour)

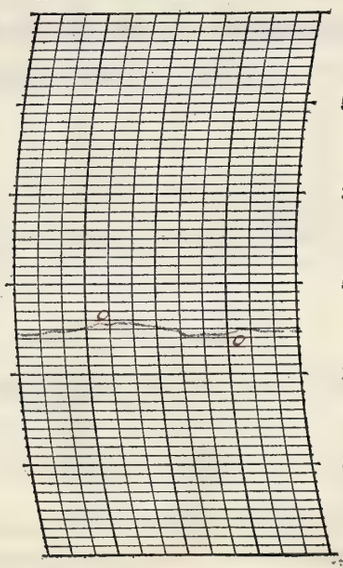
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJH

Verified by

8—486

NOTES

Sun shone most of the day through high clouds. A cloudy day. Visibility fair but high ceiling.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 26 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	59	60	61	69	70	76	80	82	84	85	85	82	84	83	81	78	76	73	71	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cldy							Part		Cloudy									→
Sunshine (in tenths of hours)						0.97 0	1.0 0	1.0 0	0.3 0.7	1.0	1.0	0.7	0.5	0.3	0.6	0.3	0	0	0					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	NW	NW	N	NW	SW	SW	SW	SW	O	E	E	SE
Wind movement	2	3	1	4	4	3	3	2	2	3	3	3	3	5	2	5	6	6	3	3	0	4	2	6

Sunrise: Time, 5:02 Character, Clear
Moonrise:
Sunset: Time, 6:24 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

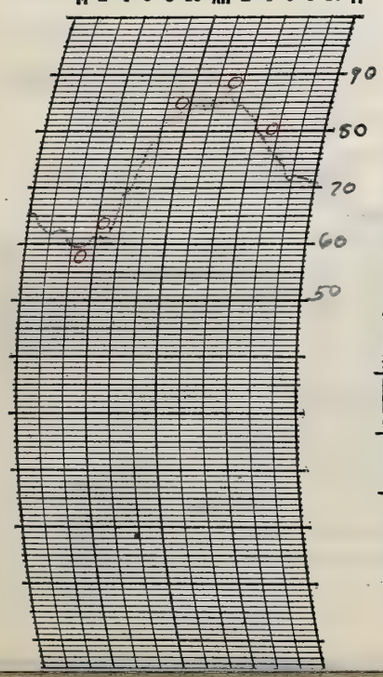
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
87	59	73	

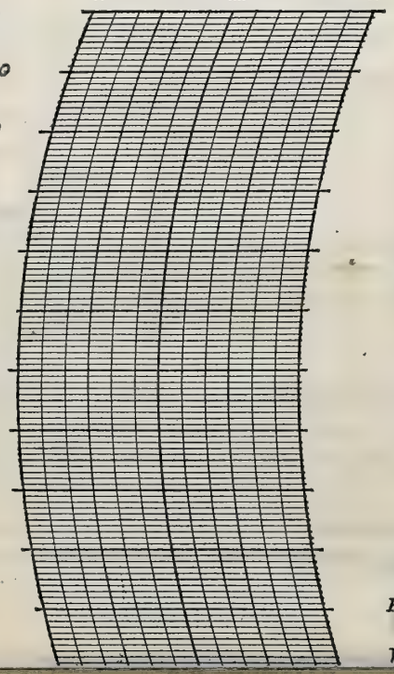
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 8.4 Possible sunshine, hours, 13.4
Per cent of possible sunshine, 63
Prevailing wind direction, W Total wind, 83
Average hourly velocity, 3.5 Extreme velocity, 8
Maximum velocity, 8 Direction, SW
Time began, 4:55 pm
Reduced barometer, 30.18 7 a. m. 30.05 7 p. m.
River gage, Total feet
Relative humidity, 77 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 83.8 Wet temperature, 65.8
Dew-point, 56 R. humidity, 38 V. pressure, .448
Clouds: Amount, 2; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

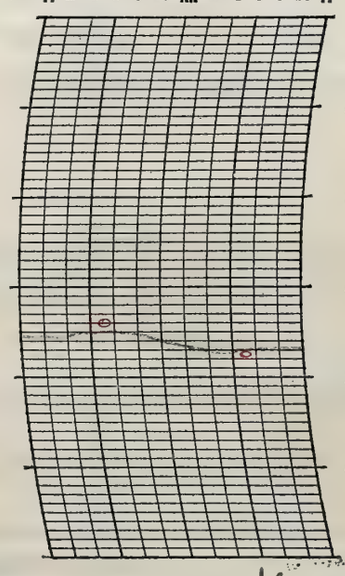
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.S.
Verified by E.H.

NOTES

A very heavy dew ~~fell~~ occurred up the am
Sun shone through upper clouds

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 27 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	68	67	64	64	63	66	71	77	81	82	84	85	87	88	86	85	83	82	79	76	74	73	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Clear					X	Partly Cldy			X			Cldy				→
Sunrise: Time, 5:03 Character, Clear																								
Moonrise:																								
Sunset: Time, 6:22 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)					0	0.95 0	1.0 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0					
Wind direction	E	E	SE	SE	SE	SE	SE	SE	SE	SE	S	S	SW	W	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	4	3	4	1	2	1	2	3	2	3	4	4	3	5	6	6	7	6	4	5	4	4	6	5
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	63	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 7

Actual sunshine, hours, 10.6 Possible sunshine, hours, 13.3

Per cent of possible sunshine, 80

Prevailing wind direction, SE & S Total wind, 94

Average hourly velocity, 3.9 Extreme velocity, 9

Maximum velocity, 9 Direction, SW

Time began, 4:25 p.m.

Reduced barometer, 30.11 7 a. m. 30.01 7 p. m.

River gage, 0.1 fall

Relative humidity, 73 7 a. m. 46 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

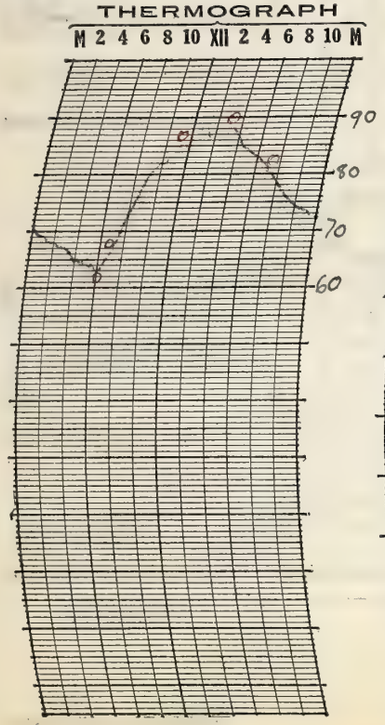
Dry temperature, 84.2 Wet temperature, 65.2

Dew-point, 53 R. humidity, 35 V. pressure, 40.2

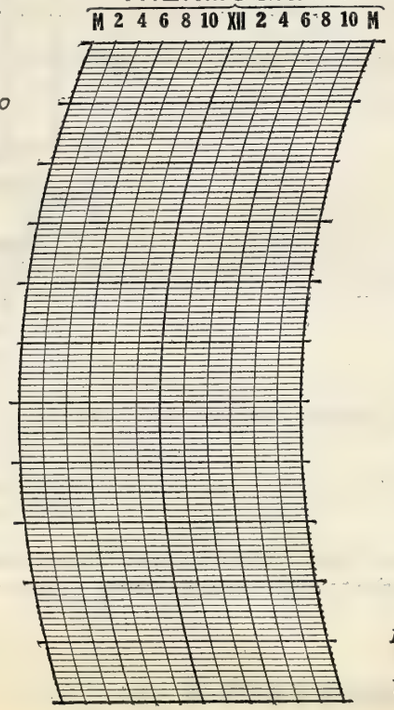
Clouds: Amount, 8; Kind, Cat; Direction, SW

Velocity of clouds (miles per hour)

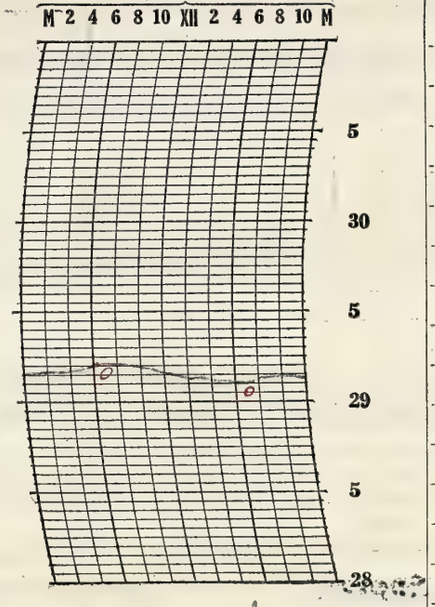
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.

Verified by E.H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 28 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	72	72	68	69	70	75	79	80	81	81	81	82	81	81	80	78	77	75	74	72	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Cloudy												→
Sunrise: Time, 5:04 Character, Cloudy																					Sunset: Time, 6:21 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0	0.1	0	0	0	0	0	0	0	0	0					
Wind direction	S	S	S	S	SW	S	S	SW	SW	SW	SW	W	W	SW	SW	W	W	W	W	W	W	W	NW	NW
Wind movement	6	6	6	7	5	7	6	6	8	8	9	8	7	6	7	6	7	6	4	6	7	8	7	4
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

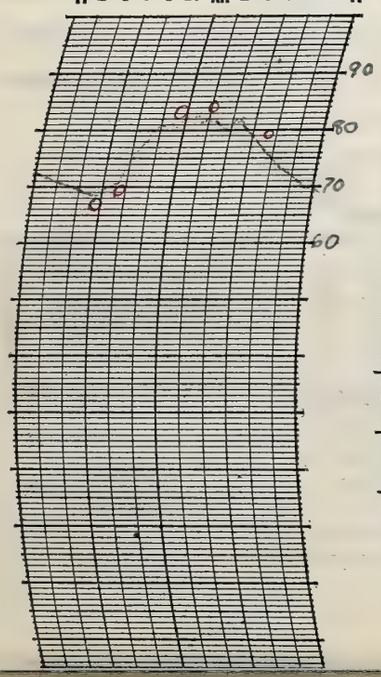
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	69	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.1 Possible sunshine, hours, 13.3
Per cent of possible sunshine, 1
Prevailing wind direction, W Total wind, 157
Average hourly velocity, 6.5 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 10:16 pm
Reduced barometer, 30.03 7 a. m. 29.98 7 p. m.
River gage, 0.4 feet
Relative humidity, 72 7 a. m. 62 7 p. m.

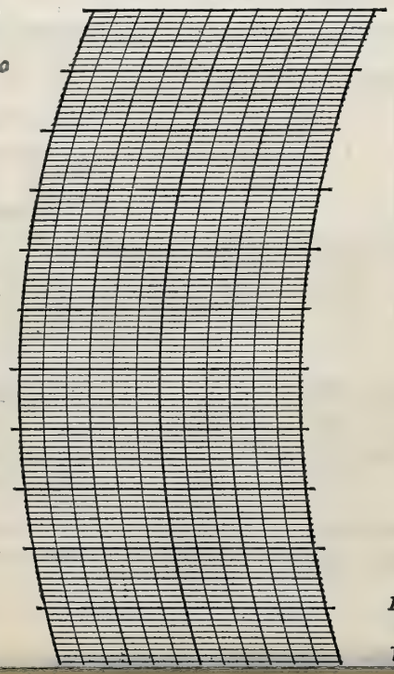
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.1 Wet temperature, 66.1
Dew-point, 58 R. humidity, 45 V. pressure, .482
Clouds: Amount, 10; Kind, strat. Direction, N
Velocity of clouds (miles per hour)

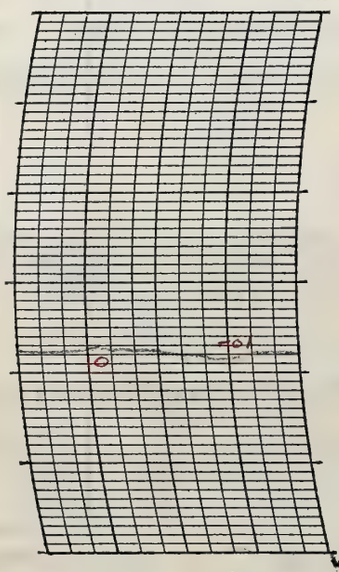
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 29 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	66	65	63	64	67	66	70	76	79	81
State of weather: Nature of precipitation and time of beginning and ending							RB 6:30 RE 6:35	RB 7:10 RE 7:20				
Amounts of precipitation							T	T				
Cloudiness and other conditions					←		Cldy	X		Pt Cldy		
Sunrise: Time, 5:04 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0	0.9	1.0	0.9
Wind direction	W	W	W	W	W	NW	NW	SW	SW	NW	W	W
Wind movement	4	3	3	2	5	3	2	6	5	3	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	81	81	81	80	79	78	76	74	74	72	70
State of weather: Nature of precipitation and time of beginning and ending												RB 11:00
Amounts of precipitation												T
Cloudiness and other conditions	Pt Cldy		X			Cloudy						→
Sunset: Time, 6:12 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0.7	0.2	0.6	0.3	0	0	0					
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW
Wind movement	7	8	10	9	7	3	3	4	3	6	5	6

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

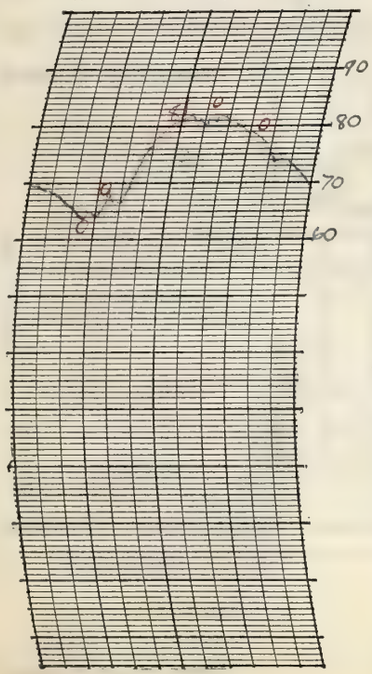
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	63	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.6 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 35
Prevailing wind direction, SW Total wind, 117
Average hourly velocity, 4.9 Extreme velocity, 11
Maximum velocity, 11 Direction, SW
Time began, 2:59 pm
Reduced barometer, 30.05 7 a. m. 30.00 7 p. m.
River gage, 0.2 feet
Relative humidity, 71 7 a. m. 57 7 p. m.

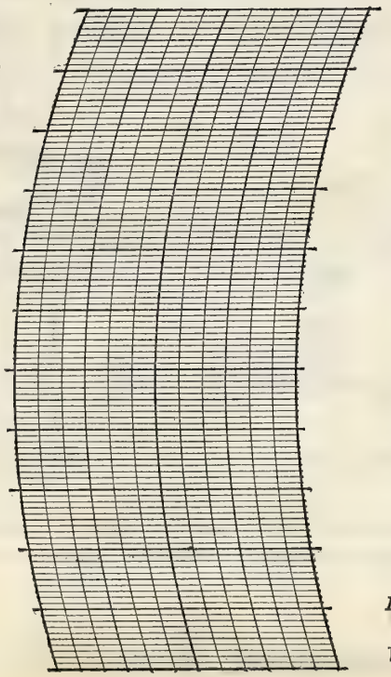
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 81.0 Wet temperature, 66.5
Dew-point, 59 R. humidity, 46 V. pressure, .499
Clouds: Amount, 3; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

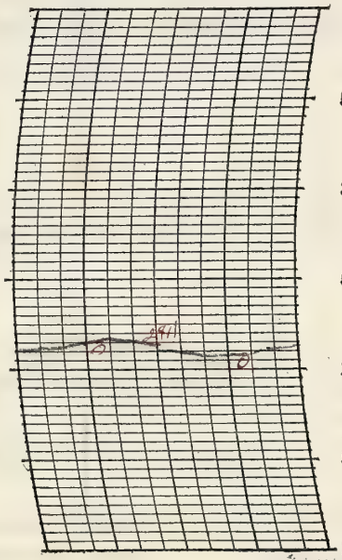
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 30 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	65	64	63	62	62	64	65	65	69	70	71
State of weather: Nature of precipitation and time of beginning and ending	R cont				RE DN2		RB 6:35	RE 7:15	AB 8:05 RE 8:40			
Amounts of precipitation	.02	.02	.04	.05	.04		.02	.01	.05			
Cloudiness and other conditions	Cloudy											
Sunrise: Time, Character, Moonrise:	5:05 Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SW	SW	S	SW	SW	E	E	SE	SE	SE	SE	SE
Wind movement	4	4	4	2	2	5	3	7	7	7	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	76	78	79	79	78	77	75	74	74	73	72
State of weather: Nature of precipitation and time of beginning and ending												AB 11:20 RE 11:40
Amounts of precipitation												T
Cloudiness and other conditions												
Sunset: Time, Character, Moonset:									6:17 Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0					
Wind direction	SE	SE	SE	SE	E	E	E	E	S	SE	SE	S
Wind movement	7	6	7	6	4	4	4	5	6	6	6	7

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	62	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .18 ins.; to 7 p. m., .07 ins.
Total precipitation, midnight to midnight, 1.25 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind, 129
Average hourly velocity, 5.4 Extreme velocity, 10
Maximum velocity, 10 Direction, SE
Time began, 12:14 Pm
Reduced barometer, 30.06 7 a. m. 30.01 7 p. m.
River gage, 0.2 feet
Relative humidity, 92 7 a. m. 71 7 p. m.

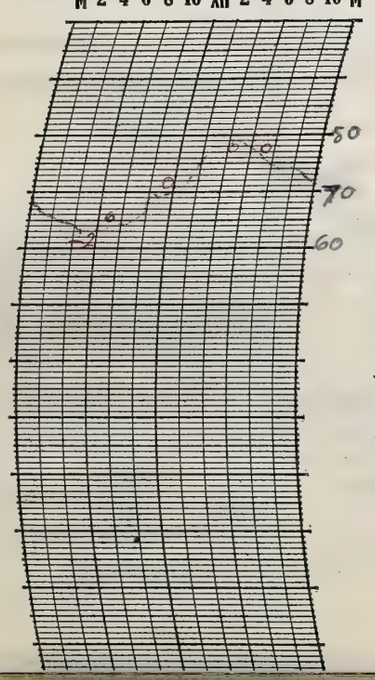
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

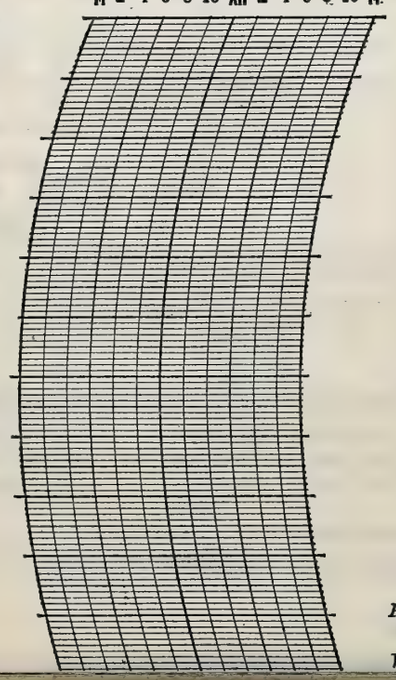
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 70.7 Wet temperature, 66.2
Dew-point, 64 R. humidity, 79 V. pressure, .595
Clouds: Amount, 10; Kind, stratus; Direction, S
Velocity of clouds (miles per hour)

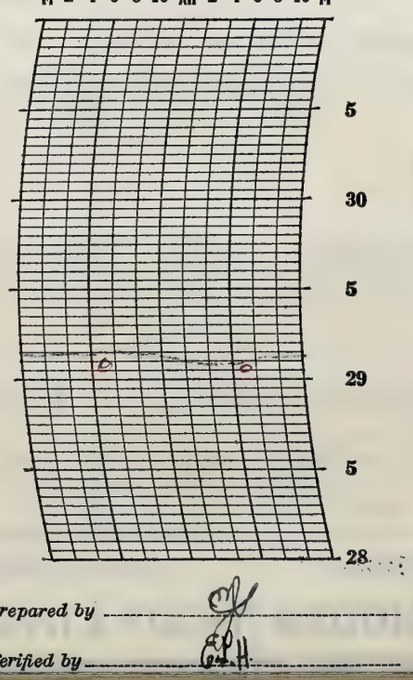
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) AUG 31 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	70	69	68	68	69	73	75	74	74	73	74	75	76	76	75	75	75	74	73	72	71	71
State of weather: Nature of precipitation and time of beginning and ending												RB 11:40 RE 11:50												
Amounts of precipitation												T												
Cloudiness and other conditions												Cloudy												
Sunrise: Time, 5:07 Character, Cloudy																					Sunset: Time, 6:16 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0.4	0.1	0	0	0	0	0	0	0	0	0	0					
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SE	SE	SW	S	SE	SE
Wind movement	7	7	7	7	8	7	7	7	9	9	8	11	10	9	10	9	9	8	6	9	3	3	2	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	68	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0.6 Possible sunshine, hours, 13.2

Per cent of possible sunshine, 5

Prevailing wind direction, S Total wind, 178

Average hourly velocity, 7.4 Extreme velocity, 13

Maximum velocity, 13 Direction, S

Time began, 11:46 am

Reduced barometer, 30.09 7 a. m. 30.10 7 p. m.

River gage, 0.3 fall

Relative humidity, 86 7 a. m. 84 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

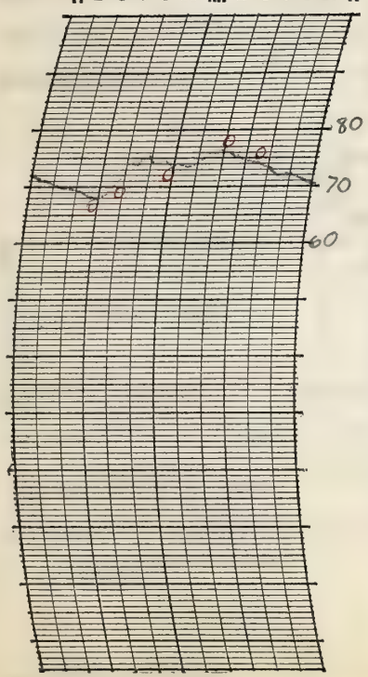
Dry temperature, 73.0 Wet temperature, 70.0

Dew-point, 69 R. humidity, 86 V. pressure, 20.2

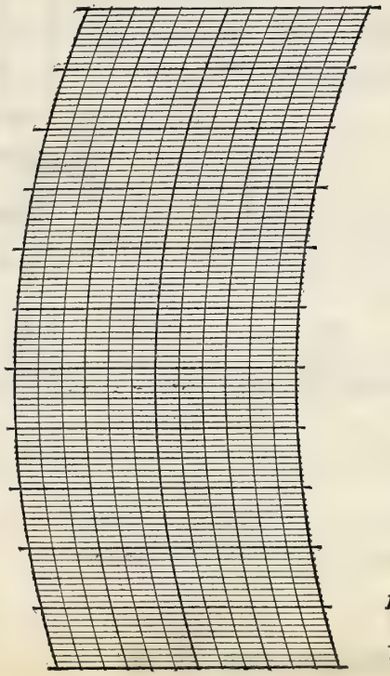
Clouds: Amount, 10; Kind, strat Direction, S

Velocity of clouds (miles per hour)

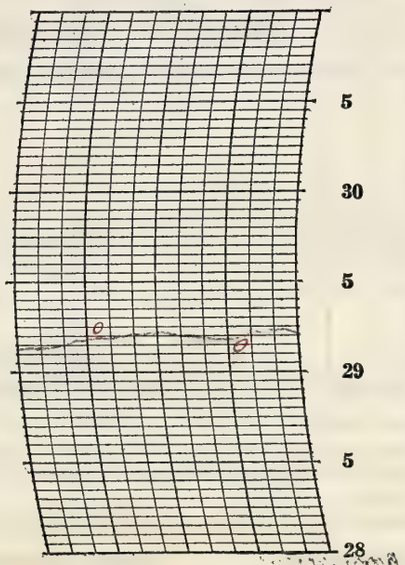
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) Sept 1 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	71	70	70	70	69	70	74	76	78	80	73	78	80	81	82	81	80	78	77	76	75	74	74
State of weather: Nature of precipitation and time of beginning and ending			RB DN2 RE DN2						RB 8:15 RE 8:30			RB 11:20 RE 11:50												
Amounts of precipitation			T						T			.06												
Cloudiness and other conditions					←						Cloudy				×				Pt Cldy				→	
Sunrise: Time, 5:08 a; Character, Cloudy																								
Moonrise:																								
Sunset: Time, 6:14 p; Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)						0	0	0	0	0.2	0.5	0	0.8	0.4	0.3	0.4	0	0	0					
Wind direction	SE	S	S	NW	N	N	E	E	S	SW	SW	SW	S	S	SW	SW	S	S	S	S	S	S	S	S
Wind movement	5	3	3	1	2	5	5	5	7	8	9	9	9	13	15	10	9	6	6	4	4	4	4	5
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	69	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.6 Possible sunshine, hours, 13.1
Per cent of possible sunshine, 20
Prevailing wind direction, S Total wind, 151
Average hourly velocity, 6.3 Extreme velocity, 18
Maximum velocity, 18 Direction, SW
Time began, 2:48 pm
Reduced barometer, 30.15 7 a. m. 30.08 7 p. m.
River gage, 0.3 feet
Relative humidity, 93 7 a. m. 79 7 p. m.

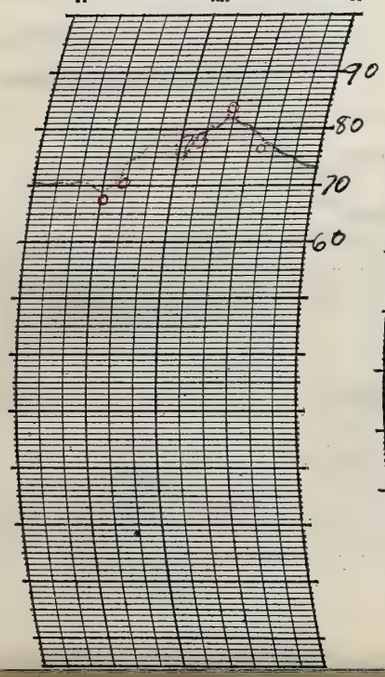
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

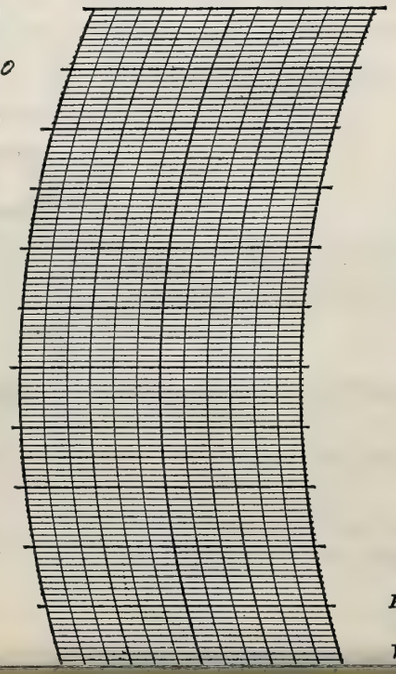
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 73.3 Wet temperature, 71.3
Dew-point, 70 R. humidity, 91 V. pressure, .232
Clouds: Amount, 10; Kind, strat; Direction, SW
Velocity of clouds (miles per hour)

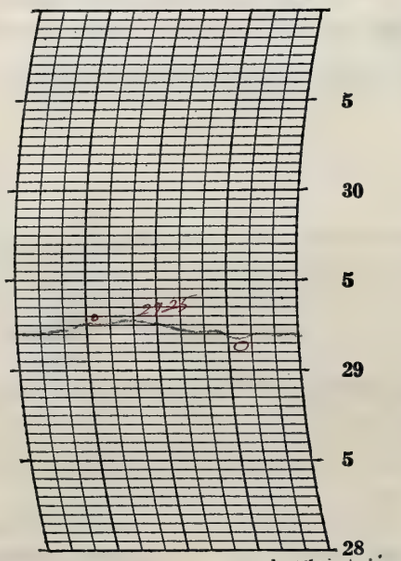
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind. (Day of week) Tuesday, (Date) SEP 2 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	73	73	73	69	68	69	71	76	79	81
Nature of precipitation and time of beginning and ending					RB 4:45			RE 7:30				
Amounts of precipitation					T	.15	.05	.01				
Cloudiness and other conditions					←			Cloudy			X	Pcldy
Wind direction	S	S	S	SW	SW	NW	E	S	S	SW	SW	SW
Wind movement	5	5	7	5	10	10	10	9	11	11	12	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	82	82	79	78	74	70	68	67	65	63	61
Nature of precipitation and time of beginning and ending				RB 3:45 RE 4:00								
Amounts of precipitation				T								
Cloudiness and other conditions	Pcldy		X		Cloudy							→
Wind direction	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	NW	W
Wind movement	13	11	10	13	12	12	15	13	9	8	6	5

State of weather.

Sunrise: Time, 5:09 Character, Cloudy

Moonrise:

Sunset: Time, 6:12 Character, Cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)						0	0	0	0	0.4	0.5	0.9
	0.4	0.1	0.2	0	0	0	0					
Maximum velocities (exceeding 24 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
82	61	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .20 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .21 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 2.5 Possible sunshine, hours, 13.0

Per cent of possible sunshine, 19

Prevailing wind direction, SW + NW Total wind, 236

Average hourly velocity, 9.8 Extreme velocity, 19

Maximum velocity, 18 Direction, NW

Time began, 6:20 p.m.

Reduced barometer, 30.03 7 a. m. 30.08 7 p. m.

River gage, 0.5 fall

Relative humidity, 90 7 a. m. 84 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

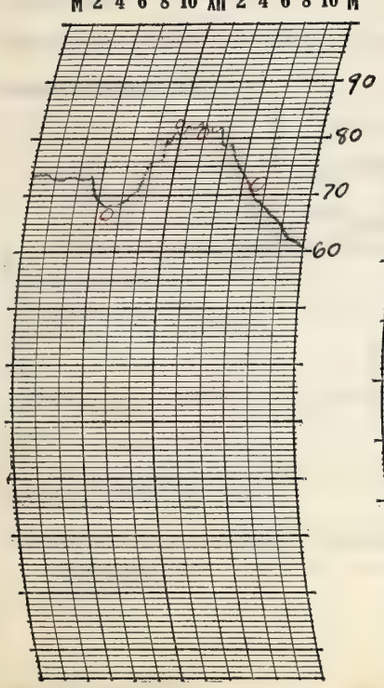
Dry temperature, 80.8 Wet temperature, 71.3

Dew-point, 67 R. humidity, 63 V. pressure, .661

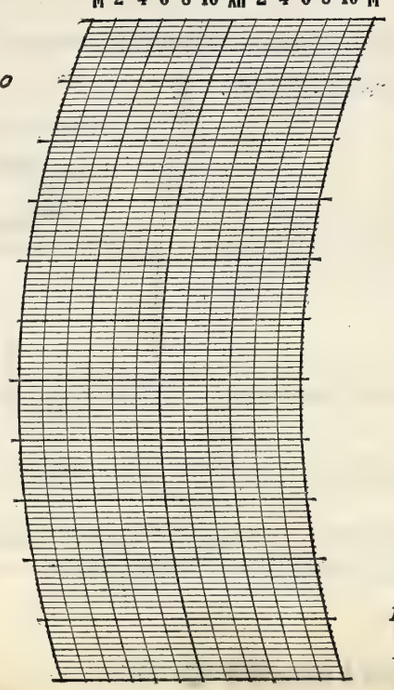
Clouds: Amount, 7; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

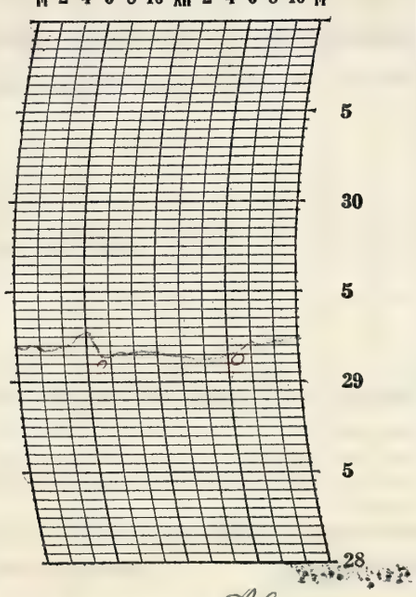
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) SEP 3 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	57	56	55	54	53	58	62	67	71	72	74	75	77	77	77	75	72	66	65	62	60	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)						0.83 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	1.0 0	1.0 0	0.18 0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	5	5	6	5	5	3	3	2	3	3	6	6	8	11	12	14	14	15	8	8	8	7	6	4
Maximum velocities (exceeding 24 miles) direction and time																								

Clear

Sunrise: Time, 5:40 Character, Clear

Moonrise:

Sunset: Time, 6:11 Character, Clear

Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

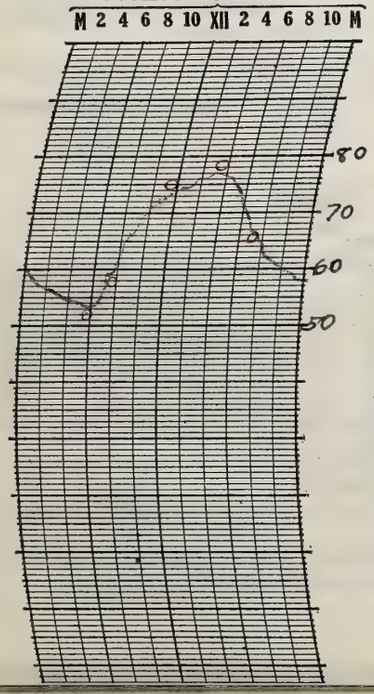
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	53	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 13.0 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 100
Prevailing wind direction, NW Total wind, 167
Average hourly velocity, 7.0 Extreme velocity, 20
Maximum velocity, 19 Direction, NW
Time began, 5:09 pm
Reduced barometer, 30.20 7 a. m., 30.18 7 p. m.
River gage, 0.0 feet
Relative humidity, 72 7 a. m. 45 7 p. m.

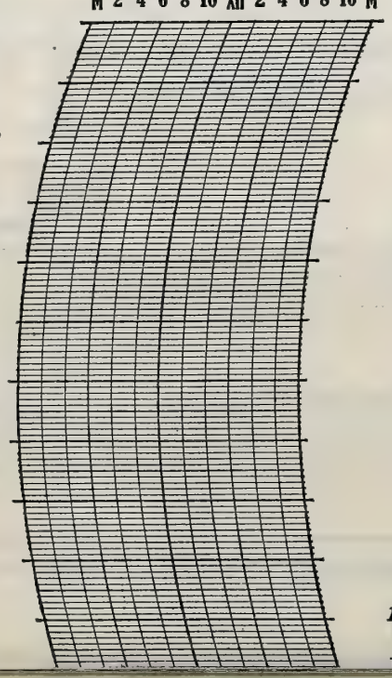
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 74.2 Wet temperature, 59.2
Dew-point, 48 R. humidity, 40 V. pressure, .334
Clouds: Amount, Few; Kind, cu; Direction, W
Velocity of clouds (miles per hour)

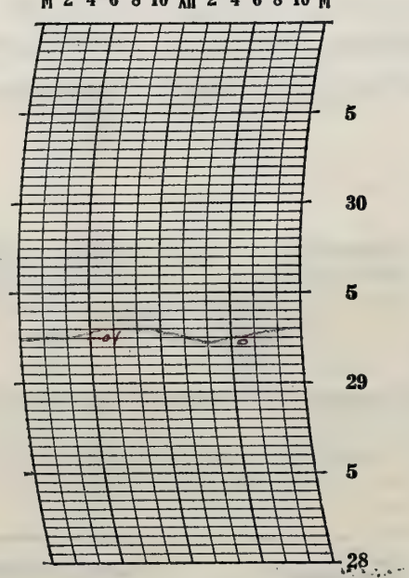
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Sun shone through high clouds

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 4 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	55	54	53	52	56	62	65	68	69	70	72	74	75	75	74	73	69	68	65	64	63	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear											×	→ Pt Cldy											→
Sunshine (in tenths of hours)						0.8 0	1.0 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0					
Wind direction	N	N	N	N	N	N	NE	NE	NE	E	E	E	E	E	NE	N	SE	SW	SW	SW	SW	SE	SE	SE
Wind movement	6	5	4	4	5	5	6	6	8	8	6	5	5	4	4	4	2	4	1	1	1	1	1	2
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:11 Character, Clear
Moonrise:
Sunset: Time, 6:09 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

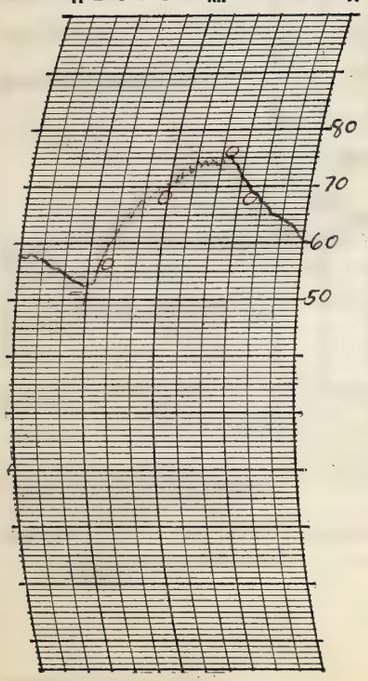
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.0 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 77
Prevailing wind direction, N Total wind, 98
Average hourly velocity, 4.1 Extreme velocity, 19
Maximum velocity, 10 Direction, NE
Time began, 9:29 pm
Reduced barometer, 30.26 7 a. m. 30.19 7 p. m.
River gage, 0.0 feet
Relative humidity, 71 7 a. m. 49 7 p. m.

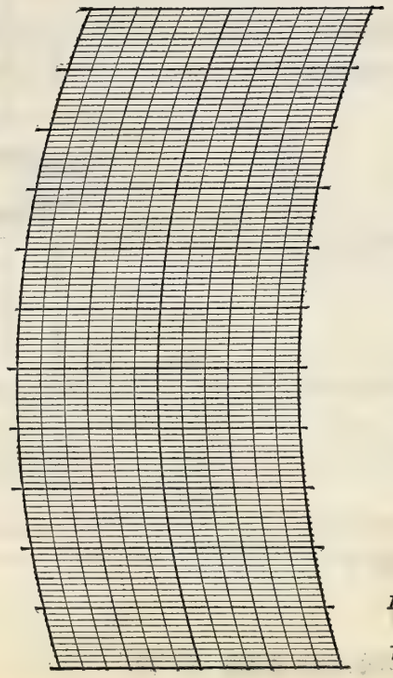
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.9 Wet temperature, 56.5
Dew-point, 46 R. humidity, 42 V. pressure, .310
Clouds: Amount, Few; Kind, Cu; Direction, N
Velocity of clouds (miles per hour)

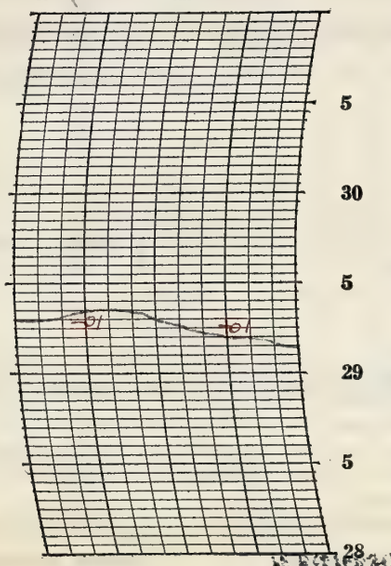
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) SEP 5 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	56	57	55	54	53	59	64	70	74	77	80	81	82	83	82	81	79	69	68	68	67	67	66
State of weather: Nature of precipitation and time of beginning and ending																			RD 6:35	RE 7:10				
Amounts of precipitation																			.01	T				
Cloudiness and other conditions										Part		Cloudy						×	Cloudy					
Sunrise: Time, 5:11 Character, Cldy																					Sunset: Time, 6:08 Character, Cldy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0.5	1.0	0.8	1.0	0.5	0.8	0.6	0	0	0	0					
Wind direction	SE	SE	SE	S	S	S	S	S	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	2	1	5	4	5	5	7	9	9	11	13	14	11	10	11	9	7	5	10	7	4	3	2	3
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	53	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.2 Possible sunshine, hours, 13.0
Per cent of possible sunshine, 40
Prevailing wind direction, SW Total wind, 164
Average hourly velocity, 6.8 Extreme velocity, 17
Maximum velocity, 17 Direction, SW
Time began, 6:33 pm
Reduced barometer, 30.00 7 a. m. 29.96 7 p. m.
River gage, 0.5 feet
Relative humidity, 70 7 a. m. 72 7 p. m.

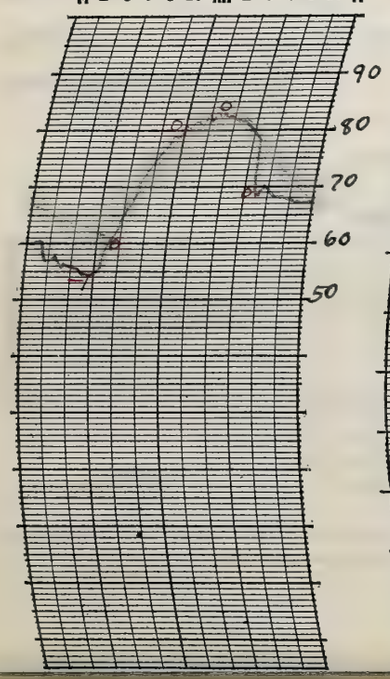
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

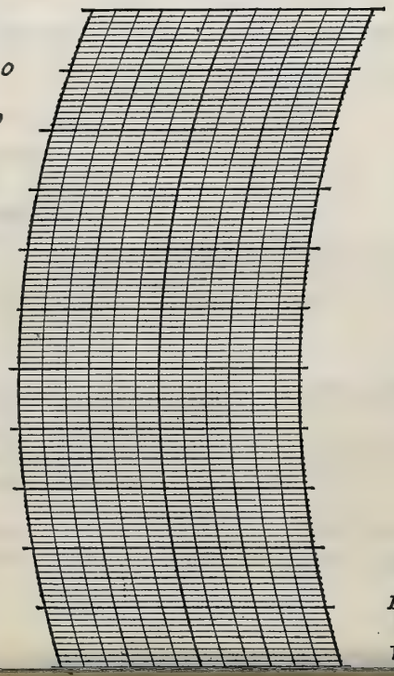
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 50.4 Wet temperature, 63.9
Dew-point, 54 R. humidity, 40 V. pressure, .417
Clouds: Amount, 2; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

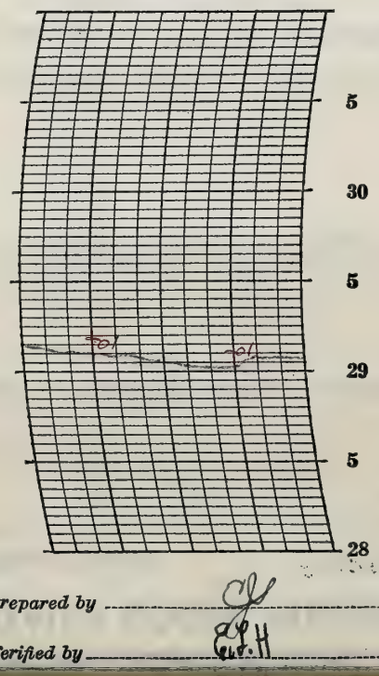
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

FORM NO. 1014—Mec 1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 6 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	63	62	61	64	66	69	73	76	79	81	81	82	82	81	80	78	75	73	71	69	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear					X			Part Cloudy											→
Sunrise: Time, 5:12 Character, Clear																					Sunset: Time, 6:36 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.80 0	1.0 0	1.0 0	0.1	0.6	0.6	1.0	0.8	0.3	0.2	0.4	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	NW	NE	NE
Wind movement	5	4	5	4	2	5	2	3	3	4	4	5	6	5	5	6	6	3	4	4	4	3	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	61	72	

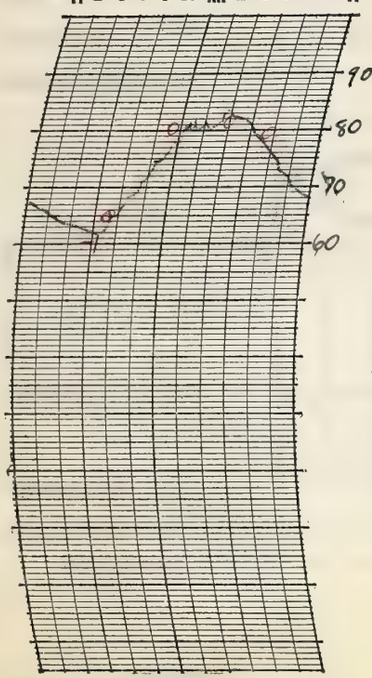
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 6.8 Possible sunshine, hours, 12.9
Per cent of possible sunshine, 53
Prevailing wind direction, SW Total wind, 106
Average hourly velocity, 4.4 Extreme velocity, 9
Maximum velocity, 9 Direction, E
Time began, 11:23 pm
Reduced barometer, 30.00 7 a. m., 29.84 7 p. m.
River gage, 0.7 feet
Relative humidity, 87 7 a. m. 60 7 p. m.

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

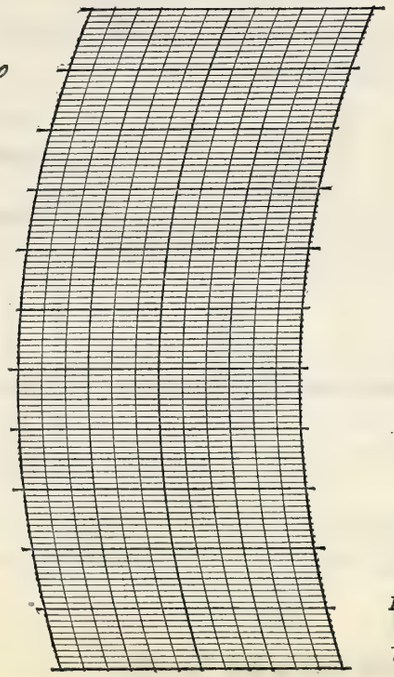
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.0 Wet temperature, 70.0
Dew-point, 66 R. humidity, 64 V. pressure, .635
Clouds: Amount, 4; Kind, Cu.; Direction, W.
Velocity of clouds (miles per hour)

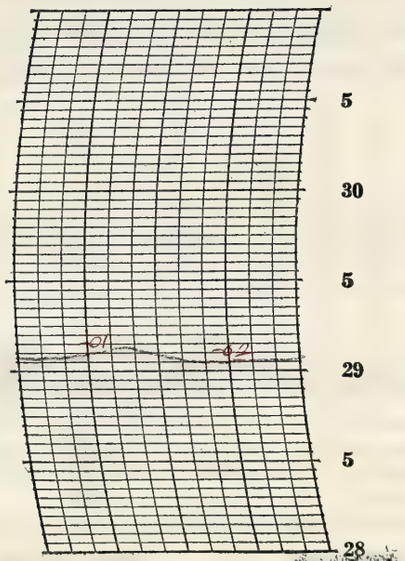
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.P.
Verified by E.A.H.

8—486

NOTES

23° Lunar halo observed around 8:00 pm

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 7 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	66	65	65	64	64	63	62	62	63	65	66	66	65	65	66	65	64	63	62	60	59	60
State of weather: Nature of precipitation and time of beginning and ending							RB 6:05 RE 6:15	RB 7:15			RE 10:20			RB 1:25	RE 2:05 RB 2:30	RE 3:15								
Amounts of precipitation							T	.33	.25	.37	T			.01	.01	T								
Cloudiness and other conditions												Cloudy												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	NE	E	NE	E	E	NE	NE	E	NE	N	E	E	NE	E	E	E	N	NE	N	N	N	N	N	N
Wind movement	5	6	6	7	6	5	8	7	8	5	6	3	5	6	5	4	3	8	5	7	7	7	6	5

Sunrise: Time, 5:13 Character, Cloudy
Moonrise:
Sunset: Time, 6:04 Character, Cloudy
Moonset:

Maximum velocities (exceeding 21 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	7:15a	10:20a	0.95	8:52am	9:07am	0.40	.09	.29	.43											

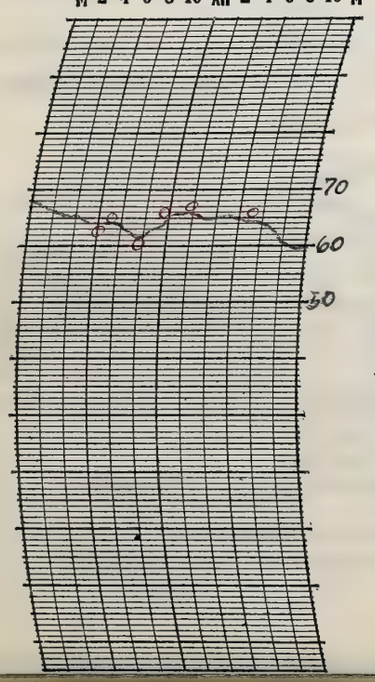
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	59	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.97 ins.
Total precipitation, midnight to midnight, 0.97 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours,
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 140
Average hourly velocity, 5.8 Extreme velocity, 12
Maximum velocity, 12 Direction, NE
Time began, 7:53 am.
Reduced barometer, 29.94 a. m. 29.88 p. m.
River gage, 0.3 feet
Relative humidity, 88 a. m. 88 p. m.

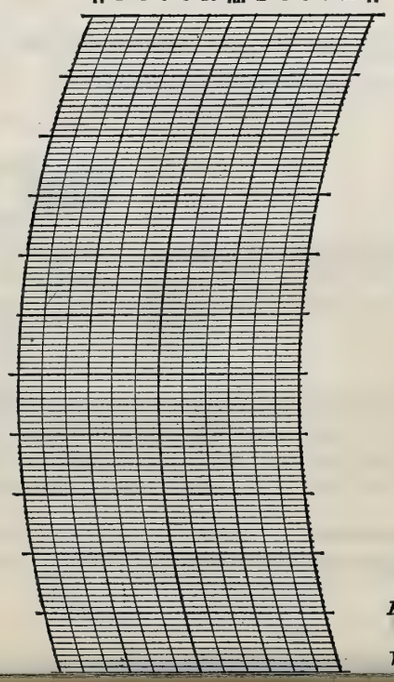
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.2 Wet temperature, 63.9
Dew-point, 63 R. humidity, 93 V. pressure, .575
Clouds: Amount, 10; Kind, stcu; Direction, NE
Velocity of clouds (miles per hour)

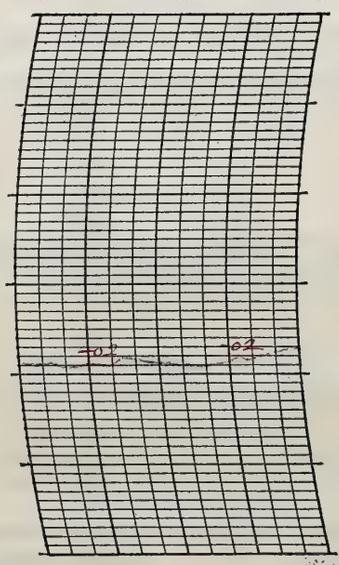
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CL

Verified by EJH

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 8 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	60	59	58	58	58	59	60	61	65	67	68	70	72	73	72	71	69	67	64	62	60	59	58
State of weather: Nature of precipitation and time of beginning and ending			RB DN2 RE DN2																					
Amounts of precipitation			T																					
Cloudiness and other conditions					← Cloudy						X	Part	Cloudy											→
Sunshine (in tenths of hours)						0	0	0	0	0	0.9	0.9	1.0	1.0	1.0	0.5	0	0	0					
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	NE	E	NE	NE	E	E	E	E	E	E	E	E	E	E
Wind movement	9	9	6	7	7	8	8	9	9	8	11	10	12	8	7	8	8	6	4	5	5	3	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:14 Character, Cloudy
Moonrise:
Sunset: Time, 6:08 Character, Cloudy
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

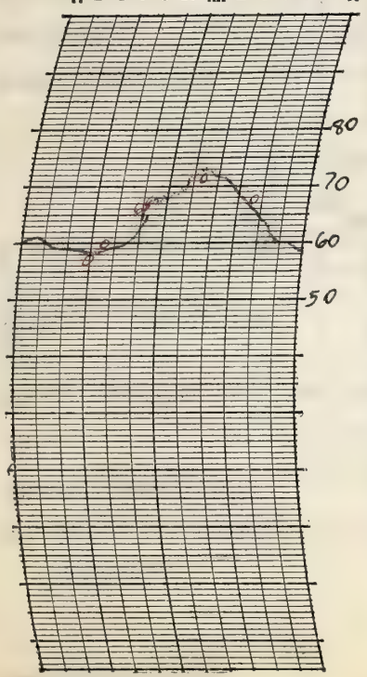
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	58	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0–10), 6
Actual sunshine, hours, 5.3 Possible sunshine, hours,
Per cent of possible sunshine, 41
Prevailing wind direction, E Total wind, 173
Average hourly velocity, 7.2 Extreme velocity, 16
Maximum velocity, 15 Direction, NE
Time began, 10:45 am
Reduced barometer, 30.10 7 a. m., 30.11 7 p. m.
River gage, 0.8 feet
Relative humidity, 70 7 a. m. 50 7 p. m.

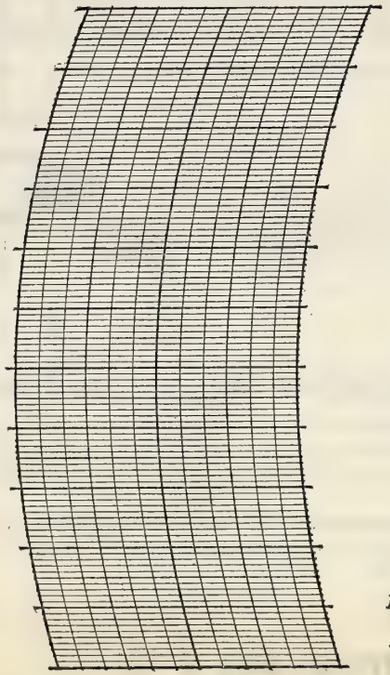
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 68.0 Wet temperature, 55.8
Dew-point, 47 R. humidity, 46 V. pressure, .322
Clouds: Amount, 3 Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

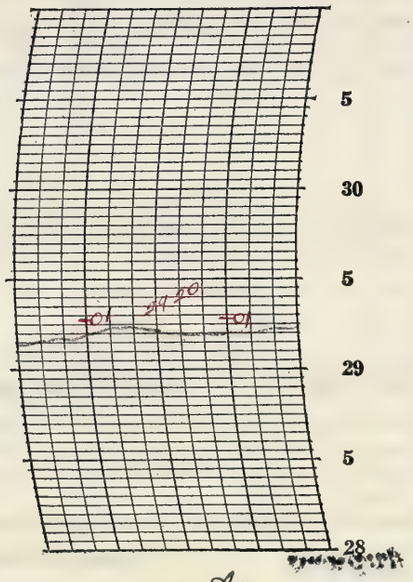
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 9 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	53	52	51	51	56	62	65	67	69	72	74	74	75	75	74	72	69	65	64	62	60	58
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Clear	×	Cldy	×			Clear			×	Cldy		×		Clear			→		
Sunshine (in tenths of hours)						0.75 0	1.0 0	0.6 0.4	0.8	1.0	1.0	1.0	1.0	0.7	0.8	0.9	0	0	0					
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	NE	NE	NE	E	E	E	E	E	E	E	E	E
Wind movement	5	5	5	5	5	3	5	5	6	8	7	8	8	8	6	7	6	4	5	7	6	4	6	3

Sunrise: Time, 5:15 Character, Clear
Moonrise:
Sunset: Time, 6:01 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

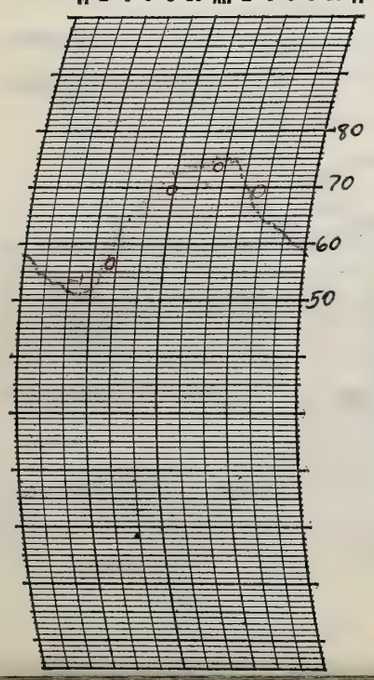
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	51	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.0 Possible sunshine, hours, 12.8
Per cent of possible sunshine, 78
Prevailing wind direction, E Total wind, 137
Average hourly velocity, 5.7 Extreme velocity, 9
Maximum velocity, 9 Direction, E
Time began, 1:09 pm
Reduced barometer, 30.30 7 a. m. 30.11 7 p. m.
River gage, 0.3 feet
Relative humidity, 79 7 a. m. 40 7 p. m.

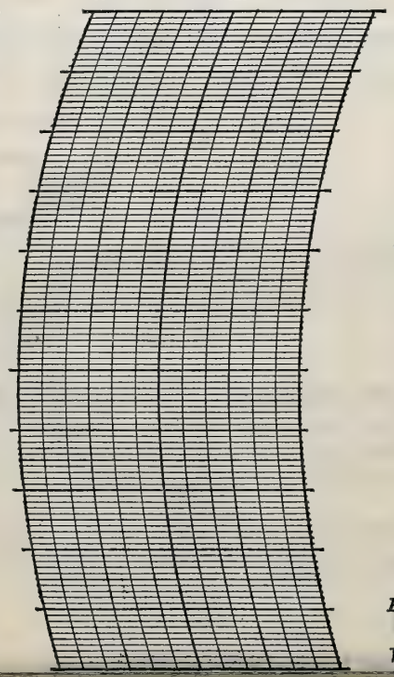
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 72.2 Wet temperature, 55.2
Dew-point, 40 R. humidity, 32 V. pressure, .247
Clouds: Amount, Few; Kind, Ci. ct.; Direction, S
Velocity of clouds (miles per hour)

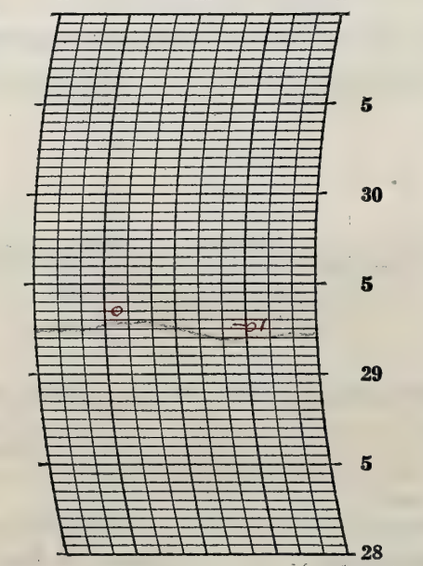
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by E.L.H

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 10 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	53	52	50	53	55	61	66	70	72	74	76	78	79	79	78	76	73	71	66	64	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←																			→
	Sunrise: Time, 5:16 Character, Clear																				Sunset: Time, 5:59 Character, Cloudy			
	Moonrise:																				Moonset:			
Sunshine (in tenths of hours)						0.73 0	1.0 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0						
Wind direction	E	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	NE	NE
Wind movement	4	5	5	5	5	4	5	7	9	10	11	10	11	10	9	8	8	5	5	7	7	6	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Clear

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	50	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 10.5 Possible sunshine, hours, 12.7

Per cent of possible sunshine, 83

Prevailing wind direction, E Total wind, 166

Average hourly velocity, 6.9 Extreme velocity, 14

Maximum velocity, 13 Direction, E

Time began, 1:28 p.m.

Reduced barometer, 30.15 7 a. m. 30.03 7 p. m.

River gage, 0.3 feet

Relative humidity, 71 7 a. m. 38 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

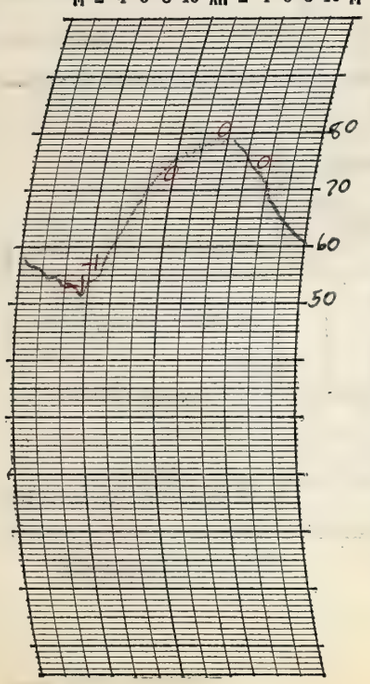
Dry temperature, 74.2 Wet temperature, 58.2

Dew-point, 46 R. humidity, 37 V. pressure, 30.0

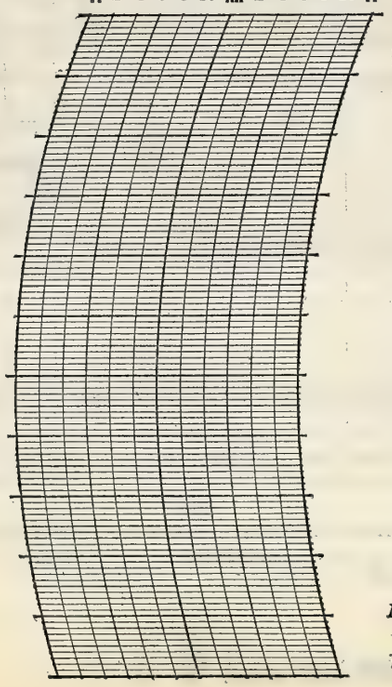
Clouds: Amount, 1; Kind, cirr.; Direction, SE

Velocity of clouds (miles per hour)

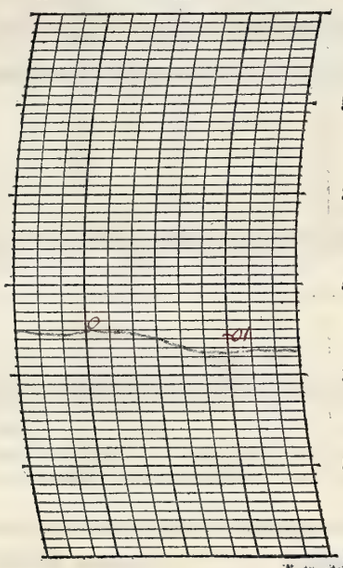
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.L.H.

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 11 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	57	56	57	59	62	73	77	81	82	84	86	85	86	83	82	80	77	74	72	71	69
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	Clear					×		Part	Cloudy										→
Sunshine (in tenths of hours)						0.72 / 0	1.0 / 0	1.0 / 0	0.2 / 0.7	1.0	1.0	1.0	1.0	0.7	0.3	0	0	0	0					
Wind direction	NE	E	E	E	E	E	E	E	E	E	E	E	S	SE	S	SE	SE	SE	SE	SE	SE	S	S	S
Wind movement	6	4	5	6	3	3	3	3	2	4	2	4	4	4	6	3	4	2	3	4	5	6	6	5
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:17 Character, Clear
Moonrise: ____ ____
Sunset: Time, 5:57 Character, Cloudy
Moonset: ____ ____

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

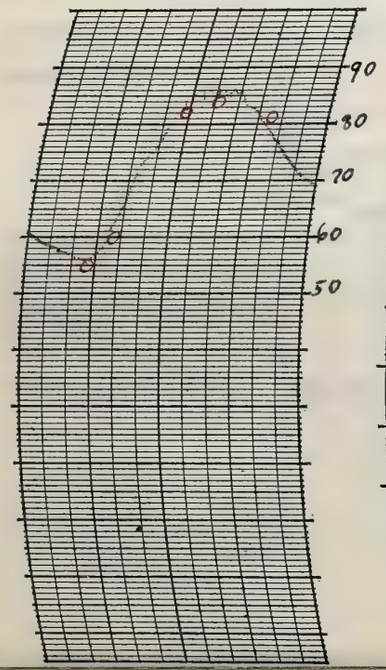
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	56	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase, ____
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 7.6 Possible sunshine, hours, 12.7
Per cent of possible sunshine, 60
Prevailing wind direction, E Total wind, 97
Average hourly velocity, 4.0 Extreme velocity, 9
Maximum velocity, 9 Direction, S
Time began, 2:18 pm
Reduced barometer, 30.02 7 a. m. 29.90 7 p. m.
River gage, 0.2 feet
Relative humidity, 78 7 a. m. 51 7 p. m.

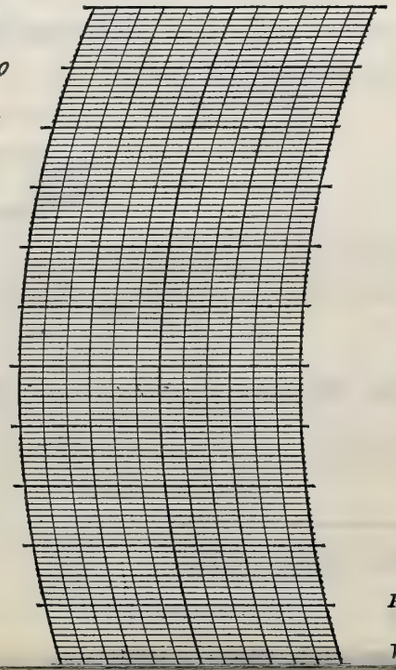
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 82.2 Wet temperature, 63.2
Dew-point, 55 R. humidity, 40 V. pressure, .432
Clouds: Amount, 5; Kind, Ci; Direction, SW
Velocity of clouds (miles per hour) ____

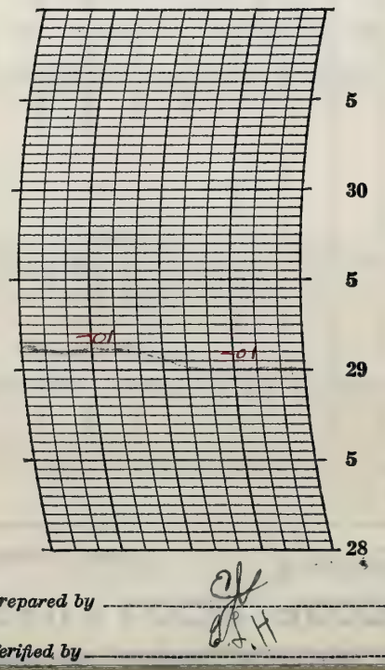
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]

Verified by [signature]

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 12 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	68	69	69	69	69	70	71	73	76	78	80
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←		Cloudy					×
Sunshine (in tenths of hours)						0	0	0	0	0	0.2	0.1
Wind direction	S	S	S	S	SW	SW	S	SE	S	SE	SE	S
Wind movement	6	7	6	5	3	3	4	5	2	4	5	6

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	82	84	83	83	81	79	77	75	73	72	70	70
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions				Pt Cldy			×	Clear				→
Sunshine (in tenths of hours)	0.4	1.0	0.6	0.8	0	0						
Wind direction	S	SW	S	S	S	S	SE	S	SE	S	S	S
Wind movement	6	6	6	6	9	6	5	7	6	5	6	6

Sunrise: Time, 5:19 Character, Cloudy
Moonrise: ____ ____
Sunset: Time, 5:56 Character, Cloudy
Moonset: ____ ____

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

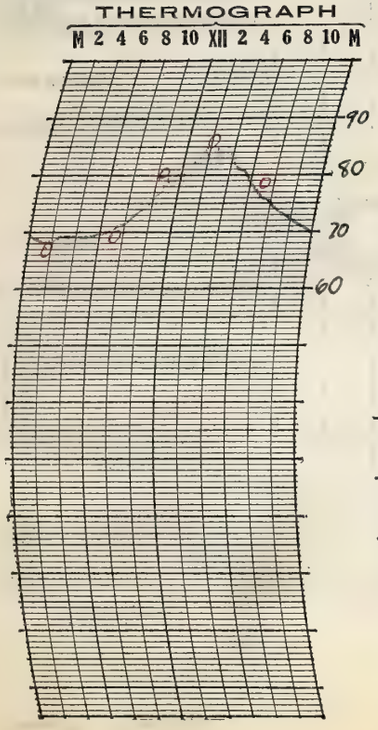
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
86	68	77	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase, ____
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.9 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 30
Prevailing wind direction, S Total wind, 130
Average hourly velocity, 5.4 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 4:21 pm
Reduced barometer, 29.90 7 a. m. 29.82 7 p. m.
River gage, 0.1 feet
Relative humidity, 95 7 a. m. 75 7 p. m.

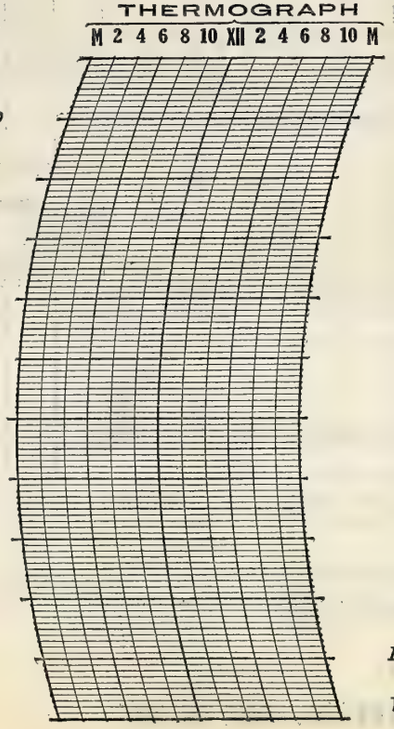
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 80.0 Wet temperature, 71.1
Dew-point, 67 R. humidity, 64 V. pressure, .661
Clouds: Amount, 9; Kind, Ac St Direction, S
Velocity of clouds (miles per hour)

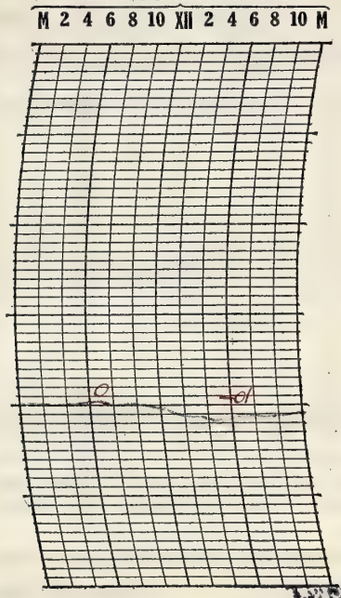
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ
Verified by E.J.H.

8—486

NOTES

A cloudy threatening day. High clouds in the morning but low clouds prevailed in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) ~~SEP 13 1930~~, 193

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	68	67	67	66	65	66	70	76	81	83	84
State of weather: Nature of precipitation and time of beginning and ending					RB 4:10 RE 4:20							
Amounts of precipitation					T							
Cloudiness and other conditions					← Cloudy				×			
Sunrise: Time, 5:20 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0.6	1.0	0.8	0.7
Wind direction	S	S	S	S	SE	SW	SW	S	S	S	S	SW
Wind movement	5	4	4	4	3	3	3	5	5	6	6	7
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	86	87	88	88	86	82	80	77	75	74	72	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions			Cloudy			×		Clear				→
Sunset: Time, 5:54 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0.7	0.7	0.8	0.8	0	0						
Wind direction	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	S
Wind movement	9	9	10	11	8	7	5	5	6	5	6	7
Maximum velocities (exceeding 24 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
88	65	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 6.1 Possible sunshine, hours, 12.6
Per cent of possible sunshine, 48
Prevailing wind direction, SW Total wind, 143
Average hourly velocity, 6.0 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 2:28 p.m.
Reduced barometer, 29.85 7 a. m. 29.78 7 p. m.
River gage, 0.1 feet
Relative humidity, 99 7 a. m. 60 7 p. m.

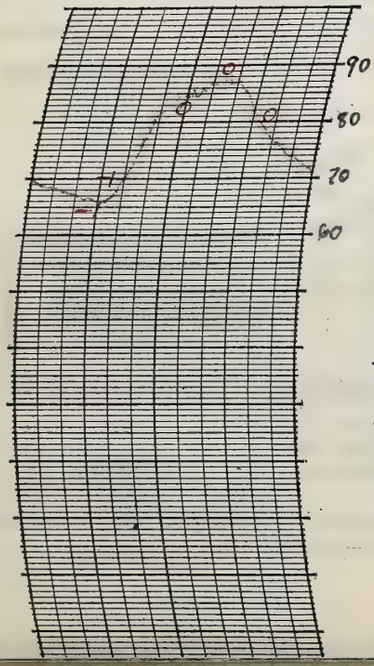
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

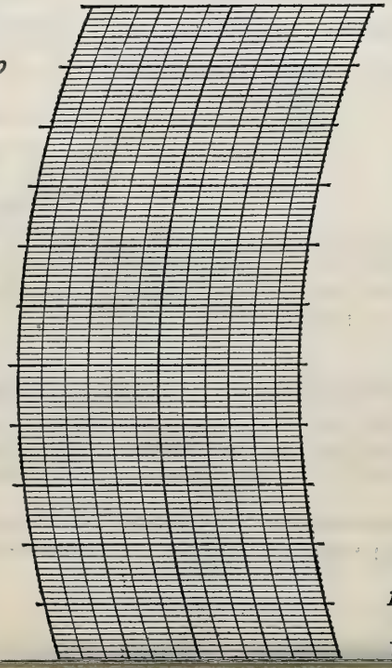
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 83.8 Wet temperature, 71.0
Dew-point, 65 R. humidity, 54 V. pressure, .646
Clouds: Amount, 3; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

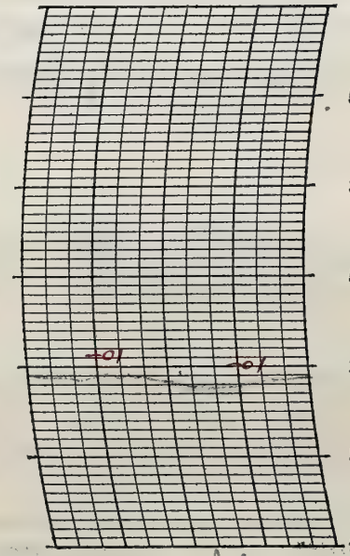
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

A dense fog occurred in the early morning. It lifted rapidly and only partly cloudy weather prevailed most of the day. Good flying weather after 10:00 a.m. Mostly clear at night.
Dense fog 6:10 a – 7:10 a
Light fog 7:10 a – 9:00 a

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 14 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	68	68	68	68	68	69	67	71	76	77
Nature of precipitation and time of beginning and ending									RB 8:10	RE 9:45		
Amounts of precipitation									.11	.03		
Cloudiness and other conditions												
Sunshine (in tenths of hours)						0	0	0	0	0	0.4	0.3
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	N	S	SW
Wind movement	7	7	5	3	3	5	5	6	17	8	6	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	81	82	81	78	72	75	74	73	67	66	65	65
Nature of precipitation and time of beginning and ending								RB 7:30			RE 10:45	
Amounts of precipitation								.05	.10	.01	.03	
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.4	1.0	0.3	0	0	0						
Wind direction	S	SW	SW	SW	SW	S	S	S	W	W	SE	S
Wind movement	7	11	13	11	8	5	4	5	10	3	8	7

State of weather.

Cloudy ← → Partly Cloudy ← → Cloudy

Sunrise: Time, 5:21 Character, Cloudy

Moonrise:

Sunset: Time, 5:52 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time: 26 SW 5:47

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .14 ins.

Total precipitation, midnight to midnight, .33 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 2.4 Possible sunshine, hours, 12.5

Per cent of possible sunshine, 19

Prevailing wind direction, SW Total wind, 173

Average hourly velocity, 7.2 Extreme velocity, 31

Maximum velocity, 26 Direction, SW

Time began, 8:17 am.

Reduced barometer, 29.85 7 a. m., 29.78 7 p. m.

River gage, 0.2 feet

Relative humidity, 95 7 a. m. 70 7 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

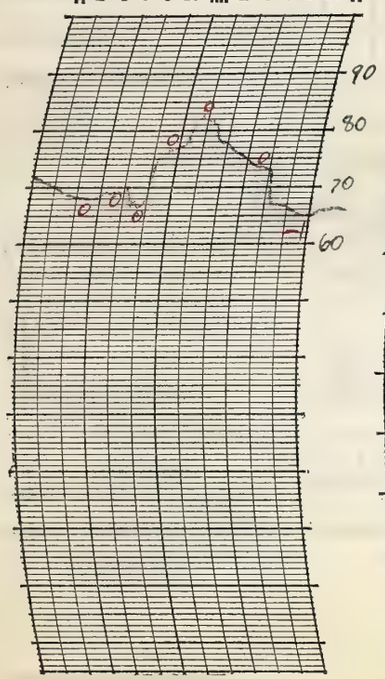
Dry temperature, 76.7 Wet temperature, 68.7

Dew-point, 65 R. humidity, 67 V. pressure, .616

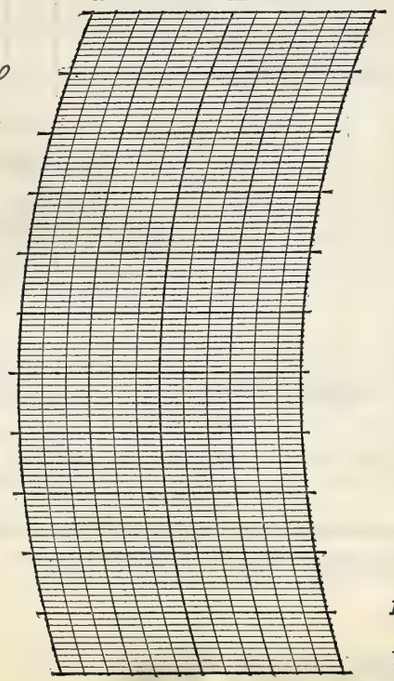
Clouds: Amount, 5; Kind, few; Direction, SW

Velocity of clouds (miles per hour)

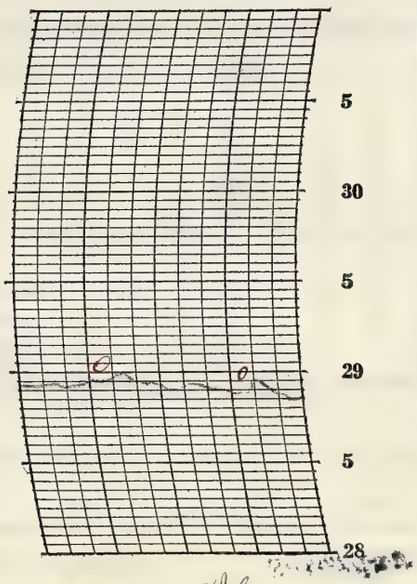
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by

8—486

NOTES

There was no damage reported during the afternoon or morning thunderstorm. The storm was not severe. The ⚡ in the evening did no damage.

⚡ 8:05 a – 9:45 a. Thunder first heard in evening at 8:40 p

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Monday, (Date) SEP 15 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	65	65	65	65	66	62	68	68	69	73
Nature of precipitation and time of beginning and ending		RB 1:42						RE 7:10			RB 9:15 RE 10:35	
Amounts of precipitation		.01	.11	.24	.03	T	.01	T			T	
Cloudiness and other conditions												
Sunshine (in tenths of hours)						0	0	0	0	0	0.2	0.4
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW
Wind movement	9	8	8	8	6	5	6	8	7	8	7	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	74	73	72	71	69	68	67	66	64	64	63	63
Nature of precipitation and time of beginning and ending			RS 2:45	RE 3:30				RB 7:40	RE 8:20			RS 11:15 SN
Amounts of precipitation			T	T				T	T			0.1
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SW	SW	W	NW	NW	NW	NW	NW	N	N	N	N
Wind movement	6	8	6	8	8	5	6	6	5	6	5	1

State of weather.

Sunrise: Time, 5:21 Character, Cloudy

Moonrise:

Sunset: Time, 5:51 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
74	63	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .55 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .40 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0.6 Possible sunshine, hours, 12.5

Per cent of possible sunshine, 5

Prevailing wind direction, SW Total wind, 155

Average hourly velocity, 6.5 Extreme velocity, 12

Maximum velocity, 12 Direction, NW

Time began, 3:25 p.m.

Reduced barometer, 29.74 7 a. m. 29.80 7 p. m.

River gage, 0.4 feet

Relative humidity, 92 7 a. m. 81 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

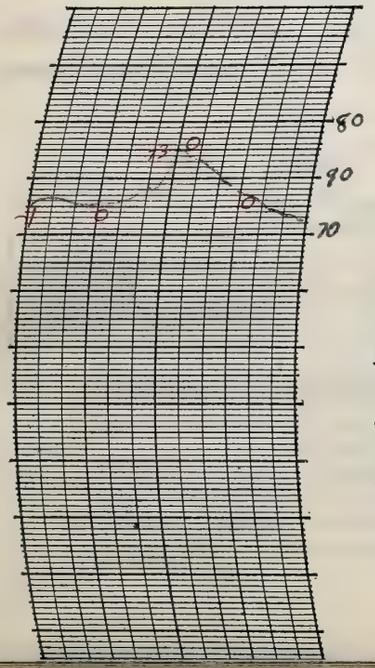
Dry temperature, 73.0 Wet temperature, 68.0

Dew-point, 66 R. humidity, 78 V. pressure, .638

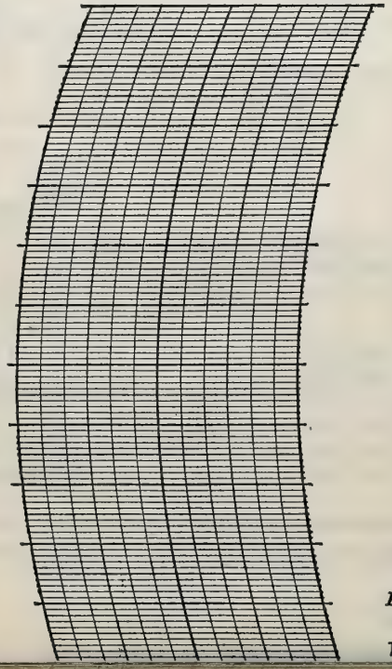
Clouds: Amount, 8; Kind, cu.; Direction, SW

Velocity of clouds (miles per hour)

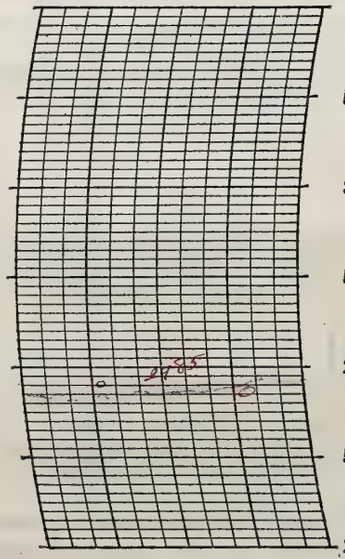
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.F.H

NOTES

Cloudy threatening morning - raining from 7:40 pm to 8:20 pm Streets slippery visibility poor.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 16 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	60	59	59	59	60	62	63	66	70
State of weather: Nature of precipitation and time of beginning and ending	R cont	R DN2							RB 8:00 RE 8:10			
Amounts of precipitation	.01	T							T			
Cloudiness and other conditions					←	Cloudy						→
Sunrise: Time, Character	5:22 Cloudy											
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	NE	NE	E	E	SE	NW	NW	NW	NW	NW	W	SW
Wind movement	2	4	4	4	4	6	2	2	2	3	4	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	74	75	75	74	72	70	68	66	64	62	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cldy	×	Cldy	×		Pr	Cldy					
Sunset: Time, Character									5:49 Cloudy			
Moonset:												
Sunshine (in tenths of hours)	0.4	1.0	1.0	0.5	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	W	W	W	W
Wind movement	8	10	11	10	8	7	8	5	7	6	9	7

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	59	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 2.9 Possible sunshine, hours, 12.4

Per cent of possible sunshine, 23

Prevailing wind direction, SW Total wind, 138

Average hourly velocity, 5.8 Extreme velocity, 14

Maximum velocity, 14 Direction, SW

Time began, 1:42 p.m.

Reduced barometer, 29.83 7 a. m. 29.79 7 p. m.

River gage, 0.2 fall

Relative humidity, 25 7 a. m. 60 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

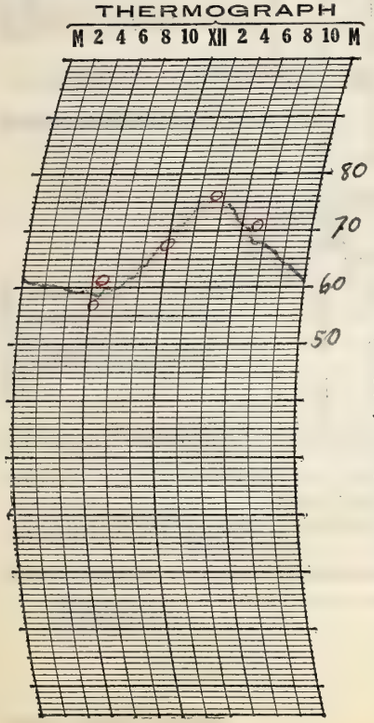
Dry temperature, 70.1 Wet temperature, 59.1

Dew-point, 51 R. humidity, 52 V. pressure, .323

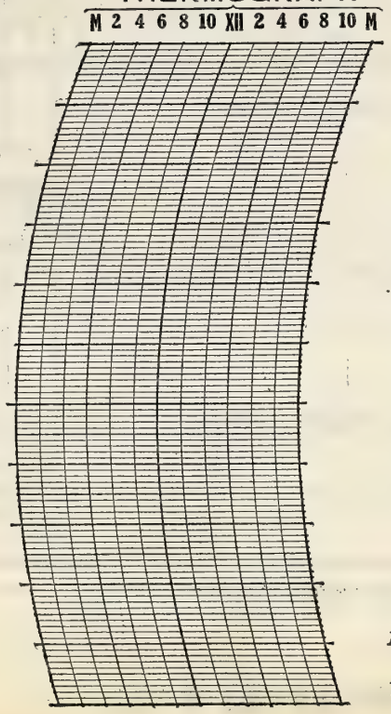
Clouds: Amount, 6; Kind, At Cu Direction, SW

Velocity of clouds (miles per hour)

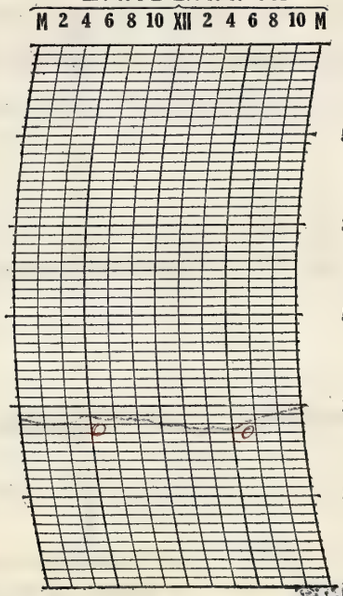
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E. L. H.

8—486

NOTES

A cloudy threatening morning, mostly clear in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 17 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	55	53	51	51	53	58	64	67	68	69	70	70	71	71	70	67	64	61	60	57	35	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions													Clear											
Sunshine (in tenths of hours)						0.62 0	1.0 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	1.0 0	0.78 0						
Wind direction	W	W	W	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW
Wind movement	6	6	6	6	6	5	5	7	8	12	16	15	16	16	15	13	11	8	5	5	5	5	5	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:23 Character, Clear
Moonrise:
Sunset: Time, 5:47 Character, Clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

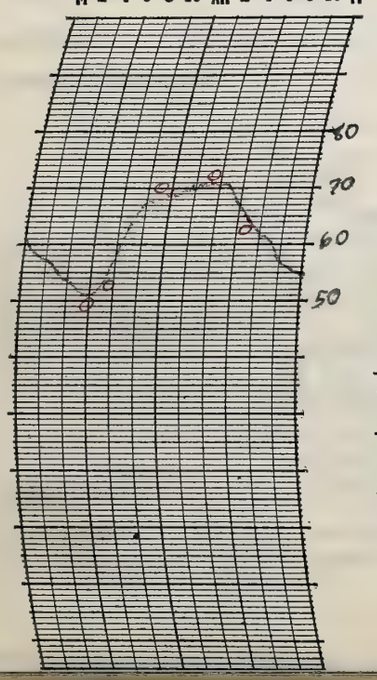
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	51	61	

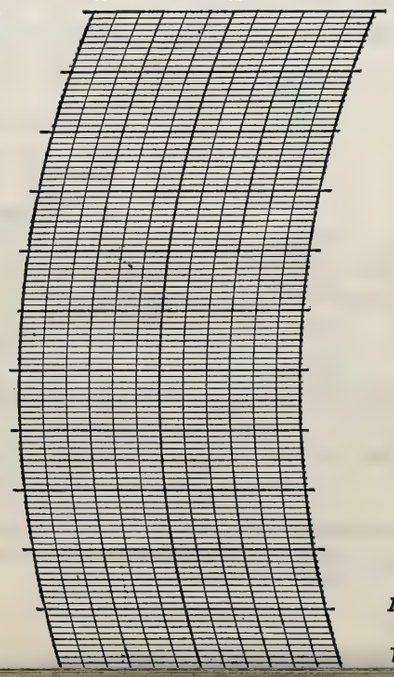
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 12.4 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 100
Prevailing wind direction, W Total wind, 208
Average hourly velocity, 8.7 Extreme velocity, 22
Maximum velocity, 20 Direction, W
Time began, 2:39 p.m.
Reduced barometer, 30.02 7 a. m., 30.05 7 p. m.
River gage, 0.2 feet
Relative humidity, 75 7 a. m. 42 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 69.2 Wet temperature, 52.2
Dew-point, 35 R. humidity, 29 V. pressure, .203
Clouds: Amount, Few; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

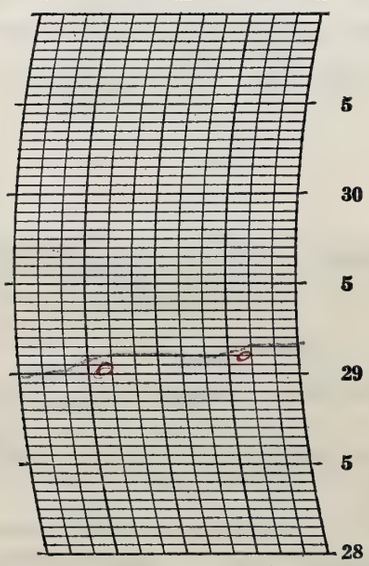
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.S.H

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 18 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	53	51	50	49	50	52	61	67	71	73	75	77	78	78	78	77	74	72	70	68	65	62	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							Clear												→
Sunshine (in tenths of hours)						0.60 0	1.0 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	1.0 0	0.77 0						
Wind direction	W	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	6	4	6	5	5	5	4	4	6	7	7	9	8	7	6	8	6	4	4	6	7	8	6	4

Sunrise: Time, 5:24 Character, Clear
Moonrise:
Sunset: Time, 5:46 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

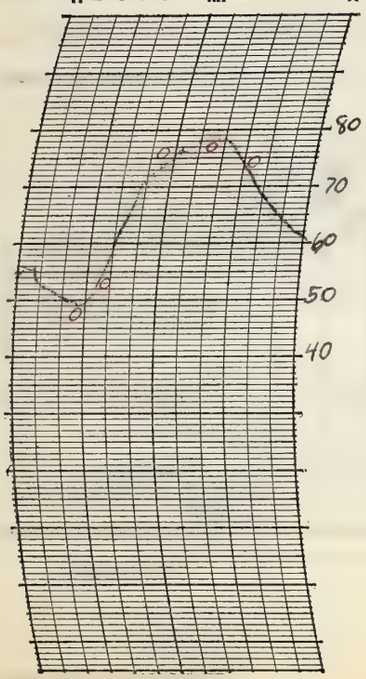
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

	Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
	78	49	64	

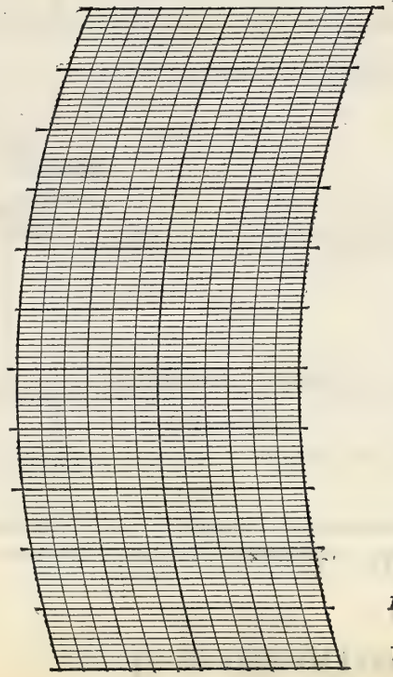
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), Fair
Actual sunshine, hours, 12.7 Possible sunshine, hours, 12.4
Per cent of possible sunshine, 100
Prevailing wind direction, SW Total wind, 142
Average hourly velocity, 5.9 Extreme velocity, 10
Maximum velocity, 10 Direction, SW
Time began, 10:58 am.
Reduced barometer, 30.19 7 a. m. 30.08 7 p. m.
River gage, 0.2 feet
Relative humidity, 69 7 a. m. 42 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 74.8 Wet temperature, 55.8
Dew-point, 40 R. humidity, 28 V. pressure, 242
Clouds: Amount, 1; Kind, Cirr.; Direction, W
Velocity of clouds (miles per hour)

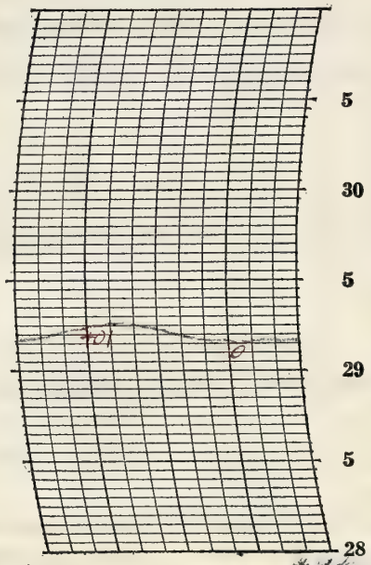
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by

8—486

NOTES

SEP 19 1930

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 19 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	58	57	56	52	60	67	72	75	77	78	80	81	81	80	78	75	73	71	69	67	66	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions													Clear											
Sunshine (in tenths of hours)						0.57 0	1.0 0	1.0 0	1.0	1.0	1.0	0.8	1.0	1.0	1.0	0.5 0.5	1.0 0	0.73 0						
Wind direction	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW
Wind movement	5	5	6	5	6	6	7	9	10	11	12	13	12	14	15	13	11	9	10	11	10	9	11	10
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:26 Character, Clear
Moonrise:
Sunset: Time, 5:44 Character, Clear
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
81	56	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 12.1 Possible sunshine, hours, 12.3
Per cent of possible sunshine, 98
Prevailing wind direction, S Total wind, 230
Average hourly velocity, 9.6 Extreme velocity, 19
Maximum velocity, 18 Direction, S
Time began, 1:29 pm
Reduced barometer, 30.10 7 a. m. 29.96 7 p. m.
River gage, 0.2 feet
Relative humidity, 63 7 a. m. 46 7 p. m.

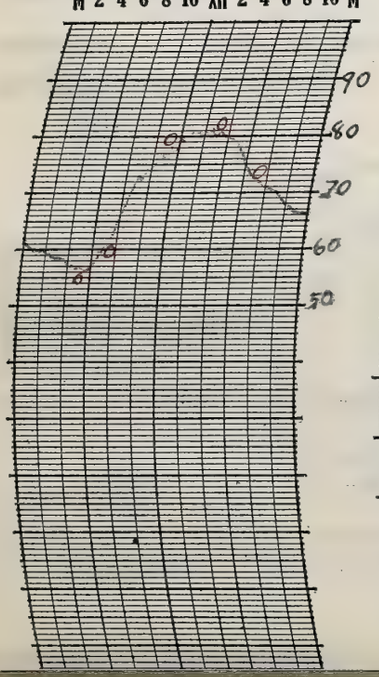
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

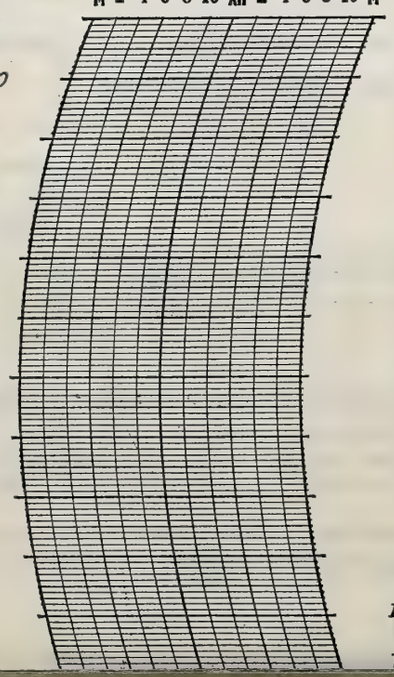
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 78.2 Wet temperature, 59.2
Dew-point, 44 R. humidity, 31 V. pressure, .287
Clouds: Amount, 2; Kind, ci; Direction, SW
Velocity of clouds (miles per hour)

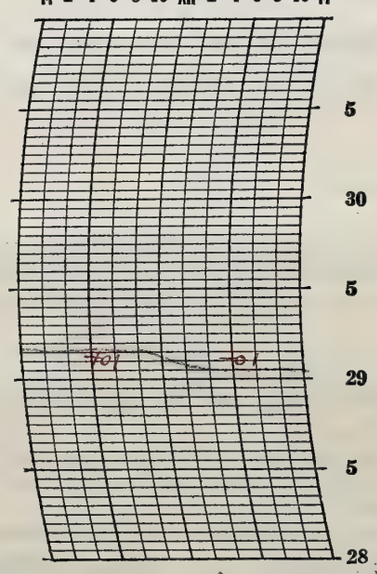
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJH

Verified by E.J.H

NOTES

A clear warm beautiful day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 20 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	62	62	59	57	59	58	60	61	60	62	66	68	70	71	70	64	62	59	57	56	55	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←			Cloudy				—	X		Pt Cldy				—	X	Clear			→
Sunrise: Time, 5:37 Character, Cloudy																								
Moonrise:																								
Sunset: Time, 5:42 Character, Cloudy																								
Moonset:																								
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0.5	0.7	0.8	0.3	0	0						
Wind direction	S	W	SW	SW	NW	NW	N	N	N	N	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	SW	S
Wind movement	10	8	6	6	10	10	8	10	9	9	9	7	6	7	7	7	6	6	6	5	4	1	3	3
Maximum velocities (exceeding 2 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
71	53	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 2.3 Possible sunshine, hours, 12.2

Per cent of possible sunshine, 19

Prevailing wind direction, NW Total wind, 163

Average hourly velocity, 6.8 Extreme velocity, 13

Maximum velocity, 13 Direction, NW

Time began, 4:22 a.m.

Reduced barometer, 30.06 7 a. m., 30.02 7 p. m.

River gage, 1.2 feet

Relative humidity, 65 7 a. m. 39 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

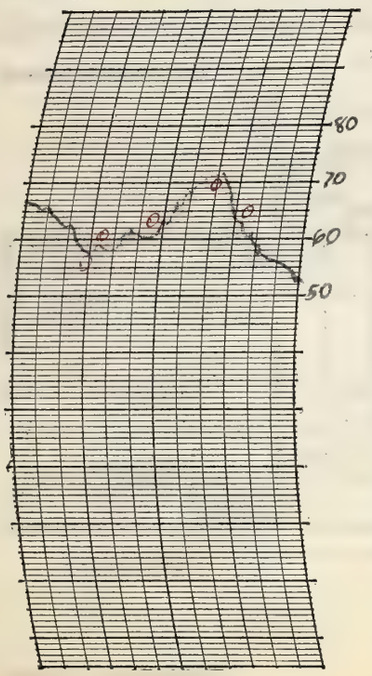
Dry temperature, 61.8 Wet temperature, 52.3

Dew-point, 44 R. humidity, 53 V. pressure, 28.7

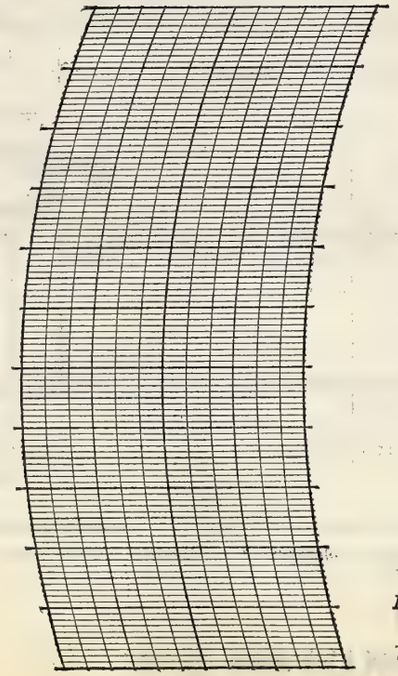
Clouds: Amount, 2; Kind, strat.; Direction, SW

Velocity of clouds (miles per hour)

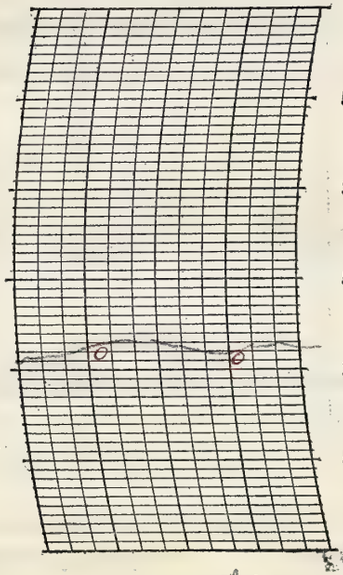
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.S.H.

8—486

NOTES

A mostly cloudy day, threatening at times. Flying conditions good in the vicinity of the station.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 21 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	48	48	48	49	50	58	62	67	68	70	72	73	74	74	73	69	67	65	63	63	63	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions				Clear	Part Cloudy							Clear					Part Cloudy							
Sunrise: Time, 5:27 Character, Cloudy																					Sunset: Time, 5:41 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0	0.5	0.7	1.0	1.0	1.0	1.0	0.2	0	0						
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	3	4	4	5	5	5	5	7	6	7	8	9	10	12	11	10	9	8	7	6	3	5	6	7
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	48	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.4 Possible sunshine, hours, 12.2
Per cent of possible sunshine, 44
Prevailing wind direction, S Total wind, 162
Average hourly velocity, 6.8 Extreme velocity, 161
Maximum velocity, 15 Direction, SW
Time began, 1:10 p.m.
Reduced barometer, 30.08 7 a. m., 29.92 7 p. m.
River gage, 0.2 feet
Relative humidity, 59 7 a. m. 46 7 p. m.

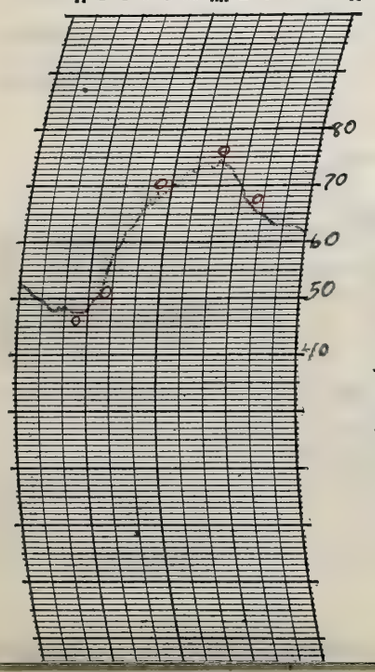
	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

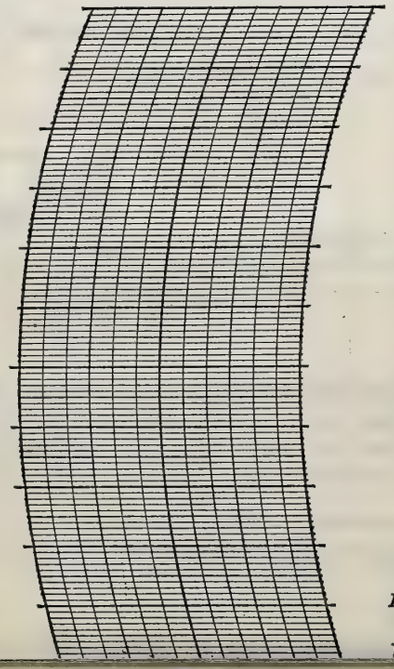
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 70.4 Wet temperature, 50.4
Dew-point, 28 R. humidity, 20 V. pressure, 1.50
Clouds: Amount, 2; Kind, Cst; Direction, SW
Velocity of clouds (miles per hour)

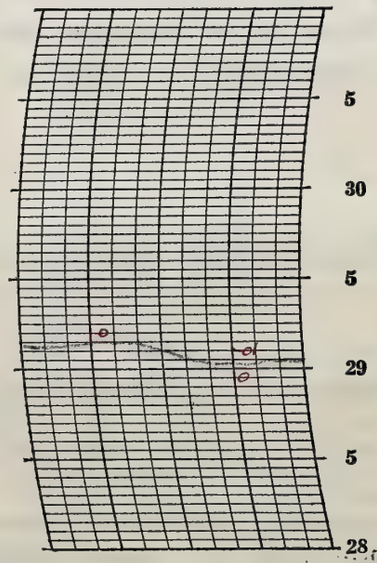
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH

Verified by E.P.H

NOTES

Sun shone through upper clouds most of the day. A mild beautiful day. Excellent flying weather. A light frost occurred in the city, and heavy frost occurred in the low lands in the vicinity of the station. Some corn was killed and many garden truck and melons were more or less damaged.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 22 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	61	60	60	60	62	64	70	76	78	81	82	82	83	81	80	79	79	77	75	76	74	75
State of weather: Nature of precipitation and time of beginning and ending																				RB 7:55	RE 8:05		RB 10:35	
Amounts of precipitation																				T	T		.64	.17
Cloudiness and other conditions					← Cldy	×	Prtly	×		Clear					×		Prtly		×	Cldy				→
Sunshine (in tenths of hours)						0.53 / 0	1.0 / 0	1.0 / 0	0.5 / 0.5	1.0	1.0	1.0	1.0	0.4	0.8	0.1	0	0						
Wind direction	S	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	E	E	ENE		E
Wind movement	8	6	7	7	6	6	6	4	5	5	3	4	5	6	5	4	3	1	1	4	4	6	11	10

Sunrise: Time, 5:28 Character, Clear. Moonrise:

Sunset: Time, 5:39 Character, Cloudy. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	10.35 p.	Con.	0.84	10.44 p.	11.03 p.	0.02	.10	.27	.59	.71										

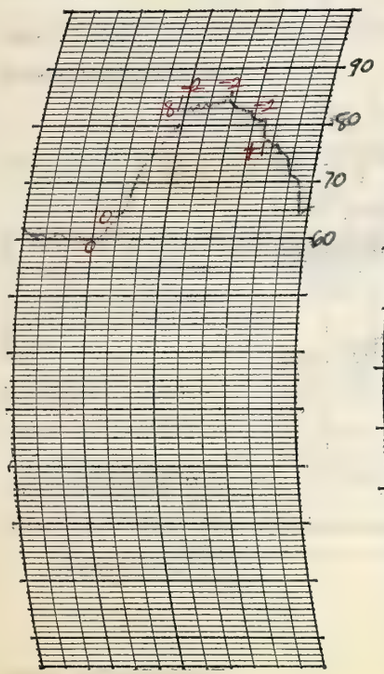
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
83	60	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 8.1 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 5.8 Possible sunshine, hours, 13.2
Per cent of possible sunshine, 72
Prevailing wind direction, SW Total wind, 127
Average hourly velocity, 5.3 Extreme velocity, 25
Maximum velocity, 23 Direction, N
Time began, 10.44 pm
Reduced barometer, 30.05 7 a. m. 30.05 7 p. m.
River gage, 0.3 feet
Relative humidity, 89 7 a. m. 54 7 p. m.

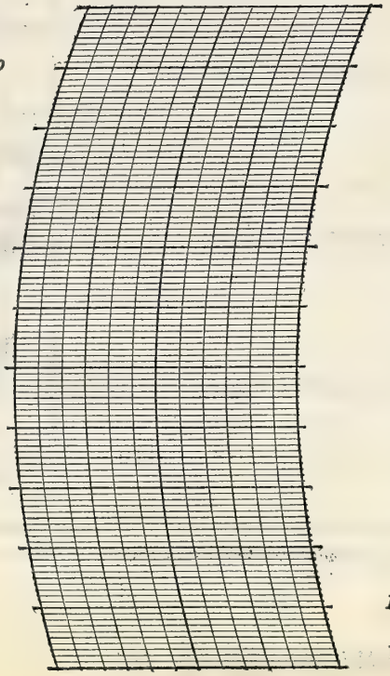
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 80.9 Wet temperature, 61.9
Dew-point, 49 R. humidity, 33 V. pressure, .347
Clouds: Amount, 2; Kind, Cst; Direction, SW
Velocity of clouds (miles per hour)

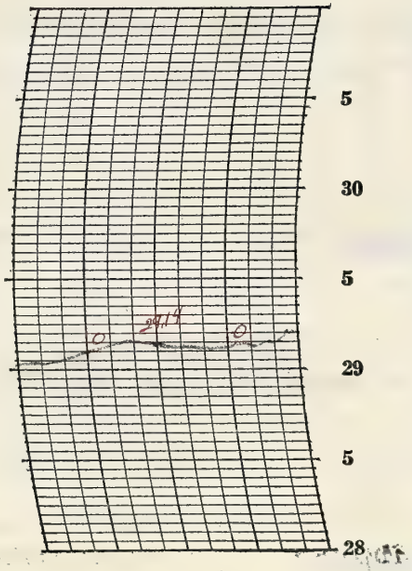
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EH

Verified by E.L.H.

8—486

NOTES

A very heavy dew in the early morning. The thunderstorm was severe and two fires were caused by the storm. The North Side Lumber Company destroyed their yard and resulted in about $65,000 damage. The Penn. R.R. Co's saw mill was struck by lightning and this caused a fire which resulted in $2,000 damage.

10:15 pm

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 23 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	67	67	67	67	69	70	75	79	83	84
State of weather: Nature of precipitation and time of beginning and ending	Cont	RE										
Amounts of precipitation	.02	.01										
Cloudiness and other conditions	cloudy						part cloudy					
Sunshine (in tenths of hours)						0.32 0	1.0 0	1.0 0	0.3 0.7	1.0	1.0	1.0
Wind direction	E	SE	SE	S	S	S	S	S	S	S	S	SE
Wind movement	10	6	6	6	7	6	6	8	5	4	3	4

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	84	85	84	80	78	76	75	74	73	73	73	73
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						clear						
Sunshine (in tenths of hours)	0.7	0.4	0.5	0.5 0	0.5 0	0.62 0						
Wind direction	SE	SE	SE	SE	E	E	SE	SE	SE	S	S	S
Wind movement	6	9	10	9	9	7	7	5	7	8	7	6

Sunrise: Time, 5:29 Character, Clear
Moonrise:
Sunset: Time, 5:37 Character, clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Con	DNa																		

Excessive precipitation, accumulated amounts

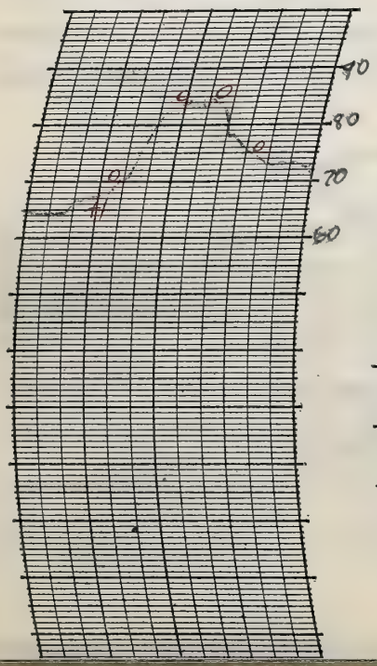
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
85	65	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 8.4 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0.03 inches.
Character of day, part cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.7 Possible sunshine, hours, 12.1
Per cent of possible sunshine, 80
Prevailing wind direction, S Total wind, 161
Average hourly velocity, 6.7 Extreme velocity, 15
Maximum velocity, 14 Direction, E
Time began, 4:00 pm.
Reduced barometer, 30.16 7 a. m. 30.12 7 p. m.
River gage, 0.4 feet
Relative humidity, 88 7 a. m. 78 7 p. m.

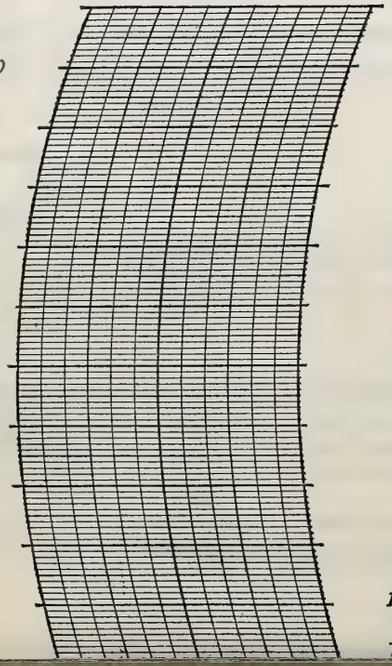
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 84.0 Wet temperature, 72.2
Dew-point, 67 R. humidity, 57 V. pressure, .661
Clouds: Amount, 4; Kind, Cu; Direction, SW
Velocity of clouds (miles per hour)

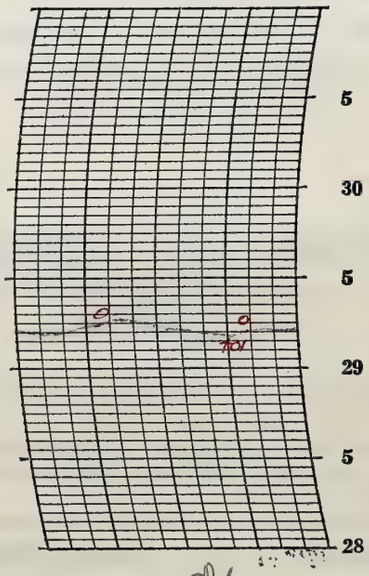
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.S.H.

NOTES

Partly cloudy until early afternoon, then mostly clear.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) ~~SEP 24 1930~~, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	71	70	70	69	69	69	69	70	73	74	73
Nature of precipitation and time of beginning and ending		RB 1:42						RE 7:15			RB 10:30	
Amounts of precipitation		T	.03	.03	.03	.14	.04	T			T	.01
Cloudiness and other conditions												cloudy
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SE	SE	SE	SE	S	SW	S
Wind movement	5	5	5	4	3	4	7	8	8	10	12	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	73	74	74	74	73	73	72	71	71	72	71
Nature of precipitation and time of beginning and ending			RE 2:15								RB 10:40	R cont
Amounts of precipitation	T	.05	T								.01	.09
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0				
Wind direction	SW	SW	SW	S	S	S	S	S	S	SE	SE	S
Wind movement	4	5	7	7	8	8	9	8	9	8	8	12

State of weather.

Sunrise: Time, 5:30 Character, cloudy

Moonrise:

Sunset: Time, 5:36 Character, cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	69	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .27 ins.; to 7 p. m., .06 ins.

Total precipitation, midnight to midnight, .43 inches.

Character of day, cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 12.1

Per cent of possible sunshine, 0

Prevailing wind direction, S & SW Total wind, 172

Average hourly velocity, 7.2 Extreme velocity, 18

Maximum velocity, 17 Direction, SW

Time began, 10:31 a.m.

Reduced barometer, 30.12 7 a. m. 29.98 7 p. m.

River gage, 0.5 feet

Relative humidity, 98 7 a. m. 91 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

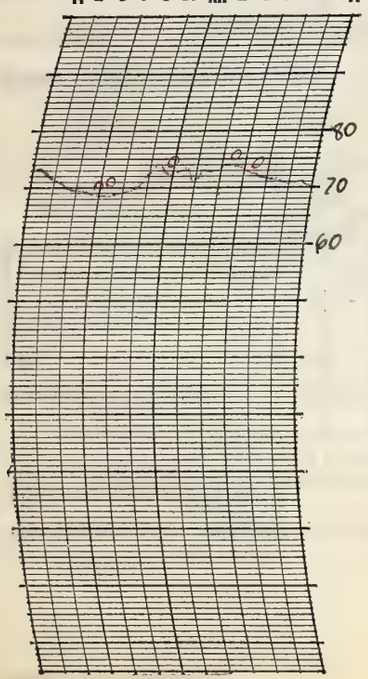
Dry temperature, 73.0 Wet temperature, 68.8

Dew-point, 62 R. humidity, 61 V. pressure, .661

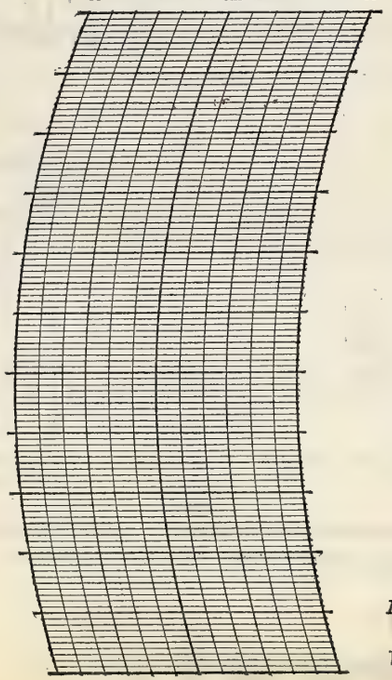
Clouds: Amount, 10; Kind, st cu; Direction, SW

Velocity of clouds (miles per hour)

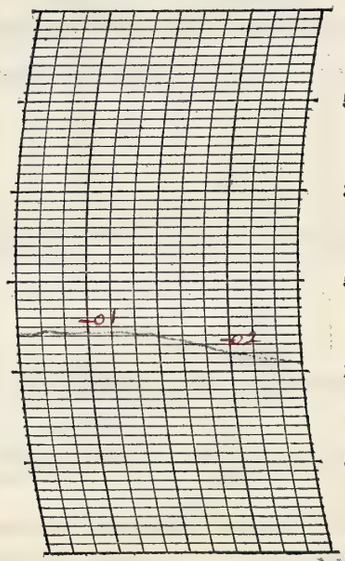
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.J.H.

S—486

NOTES

a cloudy rainy day - but fair visibility and moderate ceilings.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 25 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	70	70	70	71	71	71	72	73	74	77	79
State of weather: Nature of precipitation and time of beginning and ending	R cont		RE 2:42							RB 9:25 RE 9:30		
Amounts of precipitation	T	.05	T							T		
Cloudiness and other conditions	← cloudy											
Sunrise: Time, Character,	5:31 cloudy											
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0	0	0.8	0.5
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S
Wind movement	12	11	9	8	6	6	5	5	6	6	8	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	79	79	77	76	75	73	72	71	70	68	68
State of weather: Nature of precipitation and time of beginning and ending				RB 3:00 RE 3:15								
Amounts of precipitation				T								
Cloudiness and other conditions							X part		cloudy →			
Sunset: Time, Character,									5:34 bloudy			
Moonset:												
Sunshine (in tenths of hours)	0.1	0	0	0	0	0						
Wind direction	S	S	SW	S	S	S	S	S	SW	SW	SE	SE
Wind movement	11	12	9	8	5	8	9	10	6	5	2	2

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

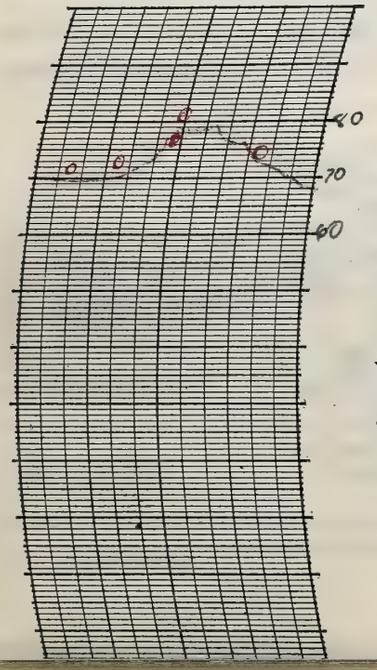
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	68	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .15 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.4 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 12
Prevailing wind direction, SW Total wind, 187
Average hourly velocity, 7.8 Extreme velocity, 15
Maximum velocity, 15 Direction, S
Time began, 12:02 am
Reduced barometer, 29.94 7 a. m. 29.83 7 p. m.
River gage, 0.6 feet
Relative humidity, 95 7 a. m. 88 7 p. m.

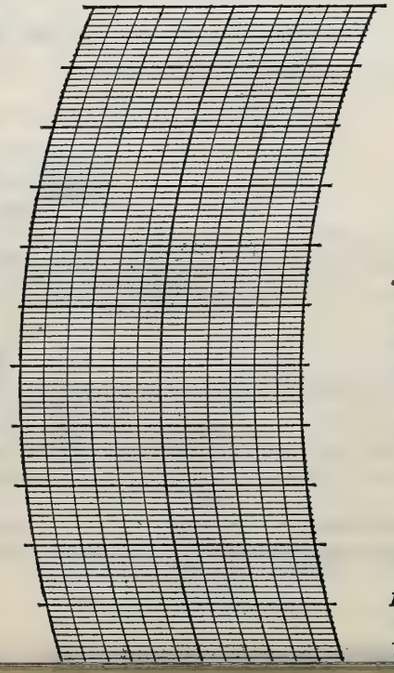
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 79.1 Wet temperature, 72.1
Dew-point, 69 R. humidity, 71 V. pressure, .707
Clouds: Amount, 3 Kind, Cu Direction, SW
Velocity of clouds (miles per hour)

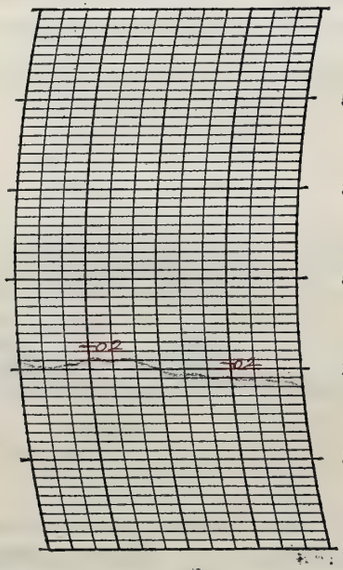
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.J.H.

NOTES

A cloudy threatening day — stay clouds average height about 4000 feet. Visibility averaged about 5 miles

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 26 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	68	69	70	70	70	74	76	78	64	70
Nature of precipitation and time of beginning and ending					RB DN2 RE DN2						RB 10:25 RE 10:33	
Amounts of precipitation					T						.14	
Cloudiness and other conditions					← cloudy						× Pcldy ×	
Sunshine (in tenths of hours)						0	0	0	0	0.2	0	0.4
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	S	S	SW	SW
Wind movement	11	12	9	11	13	14	14	15	16	19	19	19

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	64	60	58	56	54	51	52	51	51	52	50
Nature of precipitation and time of beginning and ending								RB 7:15 RE 7:25				
Amounts of precipitation								T				
Cloudiness and other conditions						cloudy →						
Sunshine (in tenths of hours)	0.9	0.9	0	0	0	0						
Wind direction	SW	SW	SW	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	26	23	25	25	23	22	19	16	13	12	15	12

Maximum velocities (exceeding 24 miles) direction and time: 31 SW 12:29; 36 SW 1:47; 30 SW 2:23; 29 W 3:42; 30 W 4:30; 27 W 5:46

State of weather: Sunrise: Time 5:32, Character cloudy. Moonrise: . Sunset: Time 5:32, Character cloudy. Moonset: .

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
78	50	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .14 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 2.4 Possible sunshine, hours, 12.0
Per cent of possible sunshine, 20
Prevailing wind direction, SW Total wind, 403
Average hourly velocity, 16.8 Extreme velocity, 33
Maximum velocity, 31 Direction, SW
Time began, 12:29 pm
Reduced barometer, 29.57 7 a. m., 29.76 7 p. m.
River gage, 0.5 feet
Relative humidity, 91 7 a. m. 79 7 p. m.

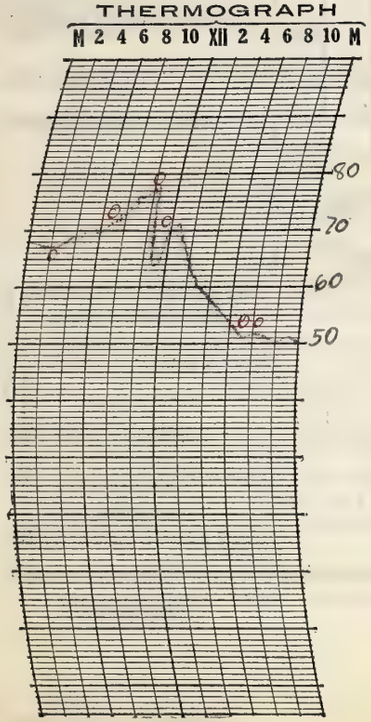
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

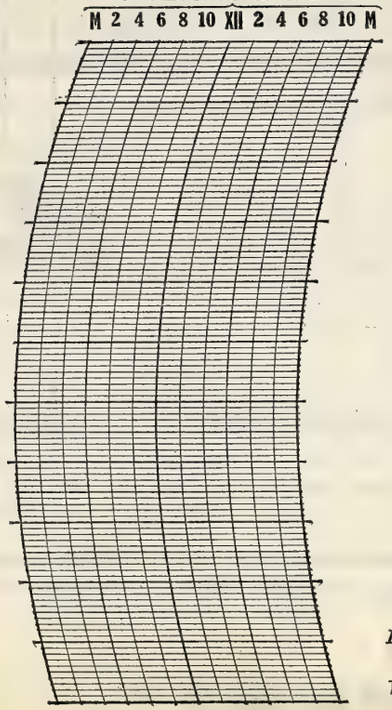
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 69.8 Wet temperature, 62.3
Dew-point, 58 R. humidity, 66 V. pressure, .482
Clouds: Amount, 6; Kind, stcu; Direction, SW
Velocity of clouds (miles per hour)

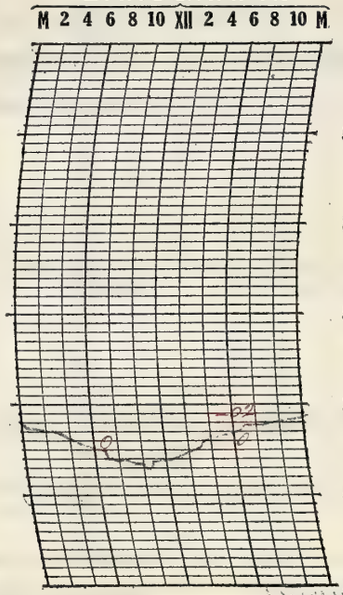
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.S.H.

8—486

NOTES

Some damage occured from high wind during the afternoon. Many trees were blown down. A Cloudy rainy day, morning followed by strong winds in the afternoon — strong wind caused $1000 damage to the Western Gas Co. plant when it blew the smokestack from the roof of the building.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 27 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	46	46	45	45	46	50	54	57	59	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← clear							
Sunshine (in tenths of hours)						0.45 / 0	1.0 / 0	1.0 / 0	1.0 / 0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	11	9	9	10	10	9	12	16	18	17	21

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	64	65	65	64	60	58	54	53	51	49	48
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunshine (in tenths of hours)	0.2 / 0.3	0.1		0.3 / 0	1.0 / 0	0.50 / 0						
Wind direction	W	W	W	SW	SW	NW	NW	NW	W	W	SW	SW
Wind movement	18	19	16	14	9	7	5	6	4	4	5	5

Maximum velocities (exceeding 24 miles) direction and time

Sunrise: Time, 5:33 Character, clear

Moonrise:

Sunset: Time, 5:30 Character, clear

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	45	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 8.8 Possible sunshine, hours, 12.0

Per cent of possible sunshine, 73

Prevailing wind direction, SW Total wind, 266

Average hourly velocity, 11.1 Extreme velocity, 26

Maximum velocity, 24 Direction, SW

Time began, 11:00 2 a.m.

Reduced barometer, 29.827 a. m. 29.91 7 p. m.

River gage, 2.7 fall

Relative humidity, 75 7 a. m. 54 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

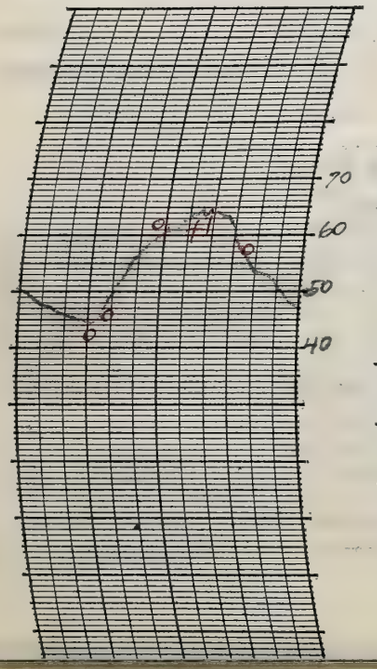
Dry temperature, 61.2 Wet temperature, 48.2

Dew-point, 34 R. humidity, 36 V. pressure, 1.95

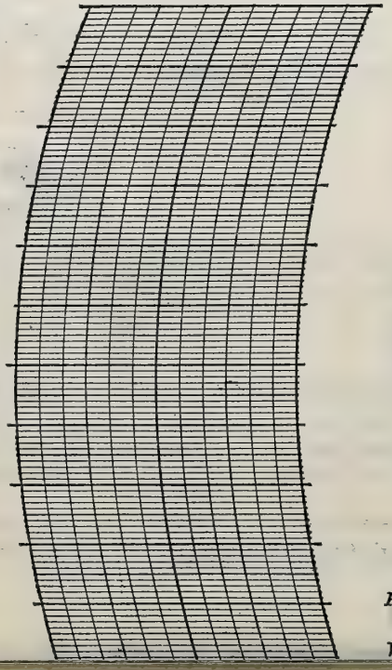
Clouds: Amount, 2; Kind, cu.; Direction, SW

Velocity of clouds (miles per hour)

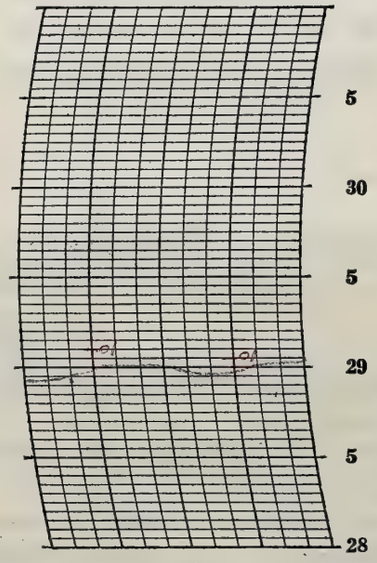
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Warning received for probably light frost tonight

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) SEP 28 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	44	45	43	42	40	42	48	50	53	54	56	57	58	59	60	59	57	55	53	50	49	47	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						clear													→
Sunrise: Time, 5.35 Character, clear																					Sunset: Time, 5.29 Character, clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.42 0	1.0 0	0.8 0	0.5 0	0.2 0.2	1.0	1.0	1.0	1.0	0.3	0.7 0	1.0 0	0.48 0						
Wind direction	5	6	7	6	6	7	6	8	11	13	14	15	17	15	14	12	11	5	5	4	4	4	4	4
Wind movement	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

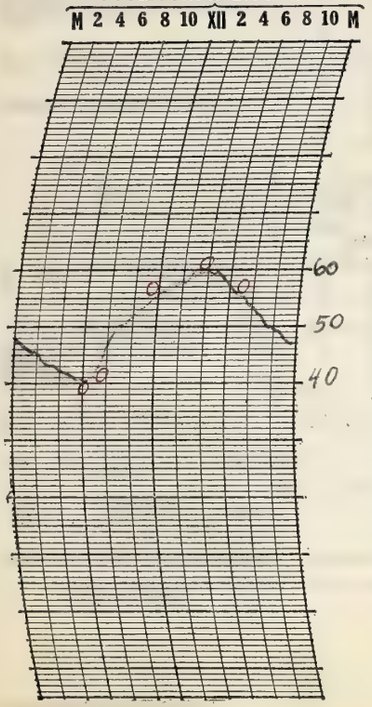
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	40	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0-10), Fair
Actual sunshine, hours, 9.6 Possible sunshine, hours, 11.9
Per cent of possible sunshine, 81
Prevailing wind direction, SW & W Total wind, 203
Average hourly velocity, 8.5 Extreme velocity, 24
Maximum velocity, 22 Direction, W
Time began, 12:10 pm
Reduced barometer, 30.06 7 a. m., 30.03 7 p. m.
River gage, 0.3 fall
Relative humidity, 81 7 a. m. 52 7 p. m.

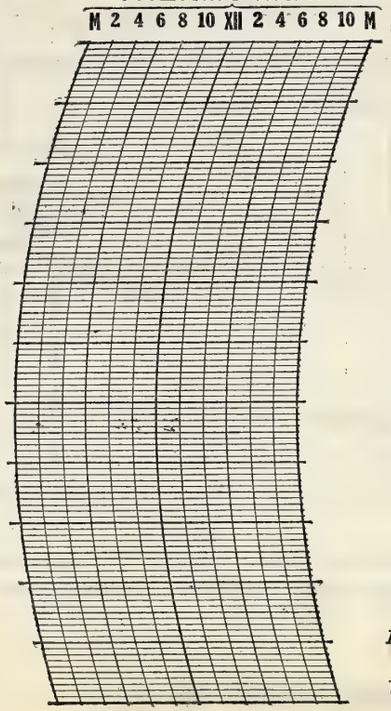
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.2 Wet temperature, 45.7
Dew-point, 34 R. humidity, 43 V. pressure, .195
Clouds: Amount, Fair; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

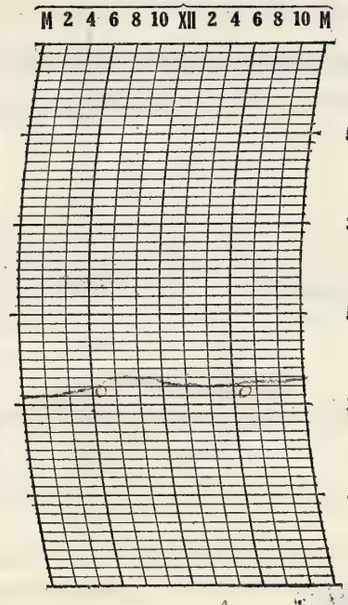
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

Warning received for light to heavy frost tonight.
A light frost occurred.
The frost was light and very little if any damage occurred. A mostly clear cool day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 29 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	45	46	45	45	46	48	52	54	55	58	59	60	62	60	58	55	53	50	48	42	46	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Prelly						cloudy						Prelly		clear					
Sunshine (in tenths of hours)						0.40 0	0	0	0	0	0	0	0.1	0.2	0	0.3 0	0.5 0	0.45 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	5	4	5	4	4	4	4	3	3	6	6	5	7	8	8	10	9	8	6	7	6	6	8	6
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:36 Character, clear
Moonrise:
Sunset: Time, 5:27 Character, clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

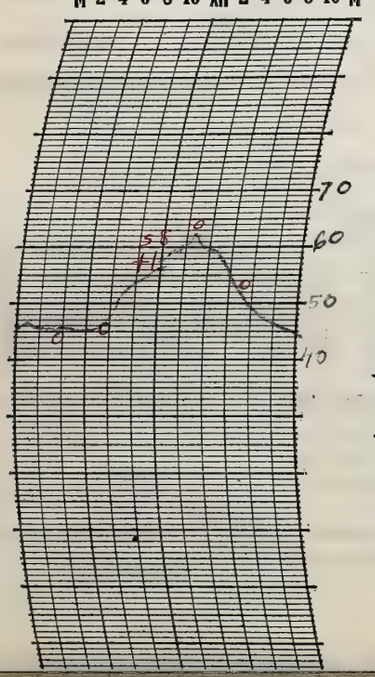
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
63	45	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day part cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 2.0 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 17
Prevailing wind direction, SW Total wind, 142
Average hourly velocity, 5.9 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 2:08 p.m.
Reduced barometer, 30.13 7 a. m. 30.12 7 p. m.
River gage, 0.3 feet
Relative humidity, 85 7 a. m. 67 7 p. m.

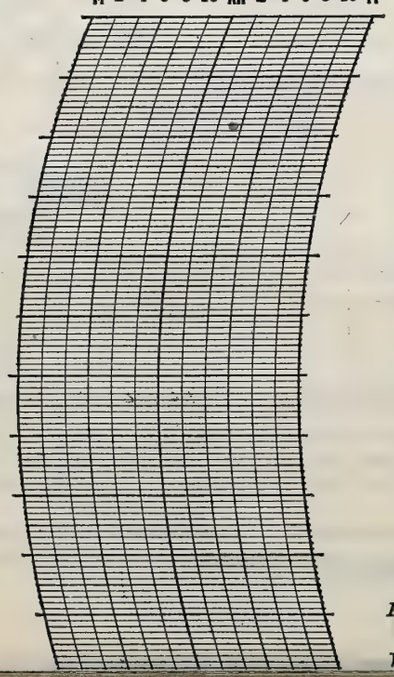
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 58.0 Wet temperature, 48.0
Dew-point, 38 R. humidity, 47 V. pressure, .228
Clouds: Amount, 9; Kind, stcu; Direction, SW
Velocity of clouds (miles per hour)

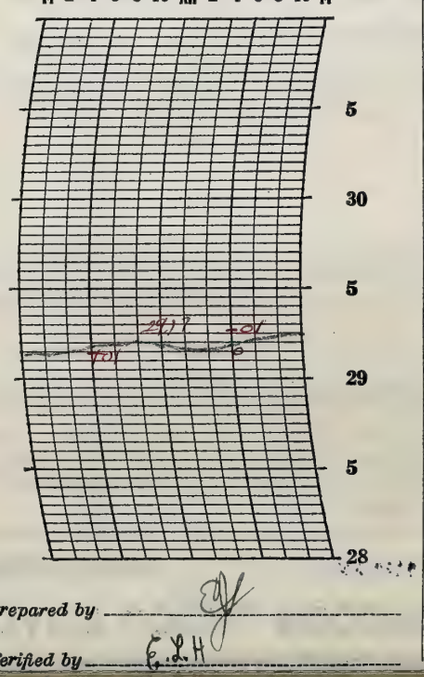
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.L.H

NOTES

Warning received for probably frost tonight.
A light frost occurred last night but little damage was reported.
An aurora was reported by several people. It caused considerable trouble in connection with telephone, telegraph lines and the radio

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 30 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	42	42	41	41	41	43	50	52	53	55	56	56	57	57	58	56	54	52	49	47	47	45	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					clear	X				part cloudy									X	clear				
Sunrise: Time, 5:37 Character, clear																					Sunset: Time, 5:25 Character, clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.50 0	0.5 0	0.4 0	0.5 0.1	0.4	0.6	0.8	0	0.1	0.1	0.1	0.2 0	0.4 0						
Wind direction	N	NW	NW	NW	NW	NW	N	N	N	NW	NW	NW	NW	NW	NW	N	N	N	N	N	N	N	N	N
Wind movement	4	4	3	1	2	2	2	3	5	5	8	9	9	10	10	10	9	4	4	5	4	2	6	5
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	40	49	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, part cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 4.6 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 39
Prevailing wind direction, N Total wind, 131
Average hourly velocity, 5.5 Extreme velocity, 15
Maximum velocity, 14 Direction, N
Time began, 3:33 p.m.
Reduced barometer, 30.26 7 a. m., 30.27 7 p. m.
River gage, 0.1 fall
Relative humidity, 88 7 a. m. 61 7 p. m.

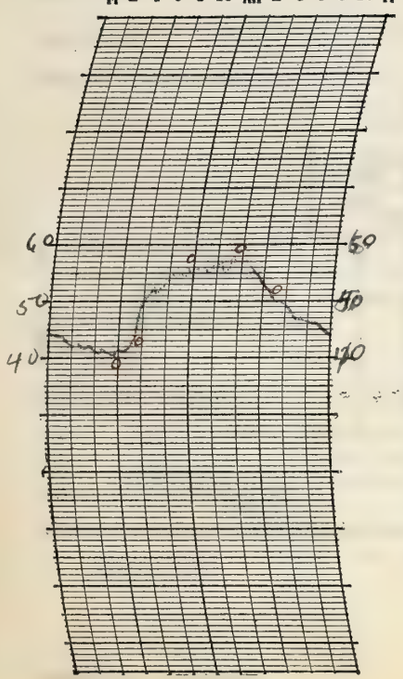
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

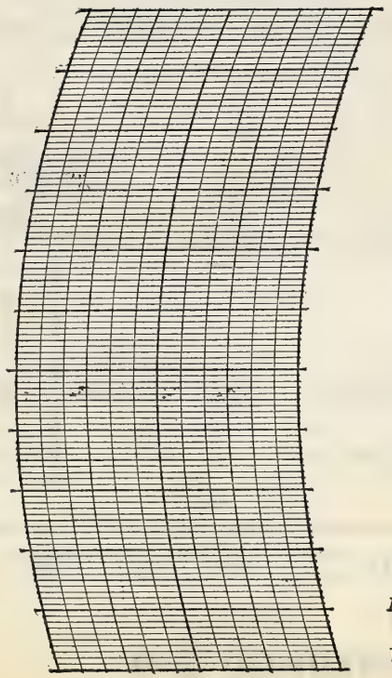
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.4 Wet temperature, 48.1
Dew-point, 40 R. humidity, 54 V. pressure, .247
Clouds: Amount, 7; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

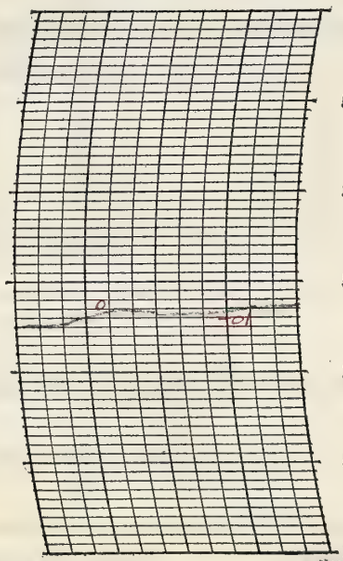
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [signature]

Verified by E. L. H.

S—486

NOTES

Warning received for frost tonight. A light to heavy frost occurred last night. Sunrise clear and the visibility at 7.00 a.m. was two miles.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 1 1930, 193

Time (local standard) 90 mer. normal time. 1

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	41	40	40	39	42	45	50	53	55	56	57	58	58	57	56	56	55	53	51	48	48	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						clear													→
Sunshine (in tenths of hours)						0.37 0	1.0 0	1.0 0	1.0 0	0.2 0.7	0.8	1.0	1.0	0.8	0.9 0.1	1.0 0	1.0 0	0.38 0						
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	N	N	NE	NE	NE	NE	NE	E	E	E	E
Wind movement	5	4	5	5	5	4	5	7	6	6	5	5	4	5	5	4	4	2	3	1	4	2	3	6

Sunrise: Time, 5:38 Character, clear
Moonrise:
Sunset: Time, 5:23 Character, clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

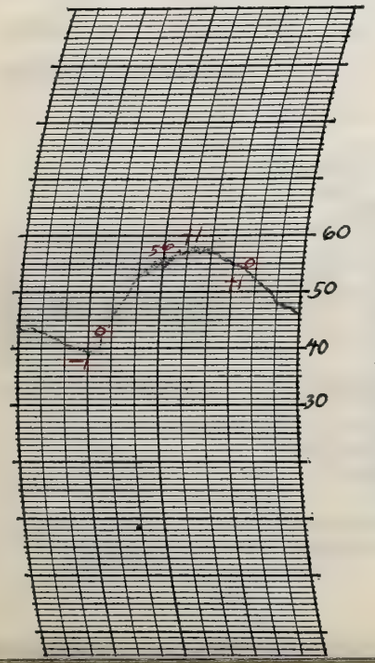
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	39	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 11.2 Possible sunshine, hours, 11.8
Per cent of possible sunshine, 95
Prevailing wind direction, NE Total wind, 105
Average hourly velocity, 4.4 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 7:39 2m
Reduced barometer, 30.36 7 a. m. 30.26 7 p. m.
River gage, 0.3 feet
Relative humidity, 81 7 a. m. 53 7 p. m.

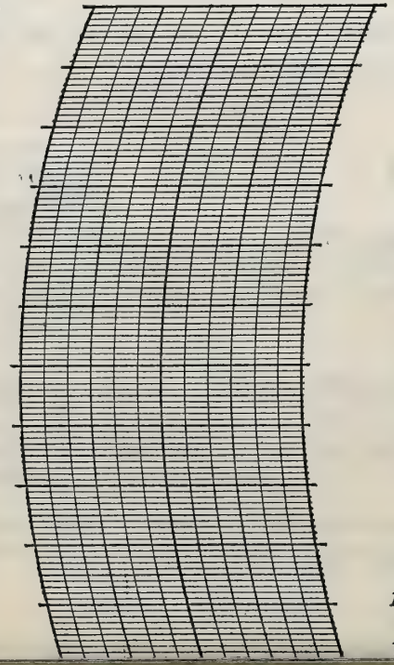
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.1 Wet temperature, 47.6
Dew-point, 39 R. humidity, 53 V. pressure, .237
Clouds: Amount, Few; Kind, Cu; Direction, NW
Velocity of clouds (miles per hour)

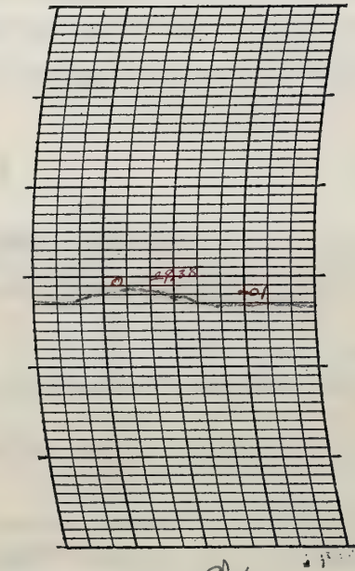
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

Clear clear beautiful day. A few cumulus clouds at times. Clear at night.

Frost warning received for light frost tonight.

A heavy frost occurred in the morning.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 2 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	44	43	42	42	43	50	53	57	59	61	61	62	63	62	61	60	60	59	56	55	55	53
State of weather: Nature of precipitation and time of beginning and ending																			RB 6:10 RE 6:36		RB 8:15			RE 11:35
Amounts of precipitation																			T		.01	.01	T	.01
Cloudiness and other conditions					← clear				X part cloudy						X				cloudy					→
Sunshine (in tenths of hours)						0.35 0	1.0 0	0.8 0	0.8 0	0.7 0.2	0.8	0.6	0.2	0	0.1	0	0	0						
Wind direction	SE	SE	SE	SE	SE	SE	E	SE	SE	S	S	S	S	SW	S	SE	S	SE	SE	SE	SE	SE	SE	NW
Wind movement	5	2	2	1	3	2	2	5	6	6	6	5	5	4	5	4	4	3	1	2	5	3	4	4

Sunrise: Time, 539 Character, clear
Moonrise:
Sunset: Time, 522 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

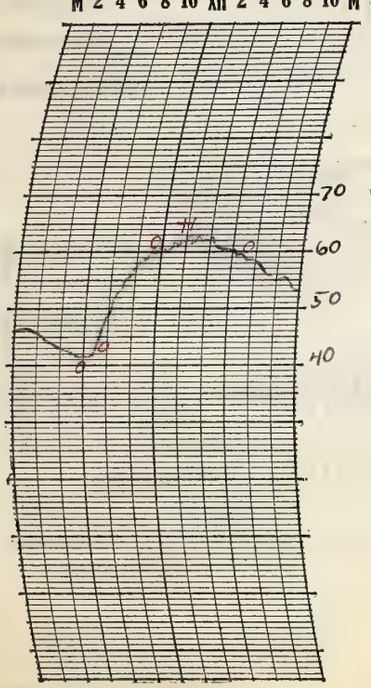
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	42	53	

Total depth of snow for 24 hours ending ? p. m., 0 inches.
Snow, sleet, and hail on ground ? p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to ? a. m., 0 ins.; to ? p. m., T ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day part cloudy, moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.8 Possible sunshine, hours, 11.7
Per cent of possible sunshine, 50
Prevailing wind direction, SE Total wind, 89
Average hourly velocity, 3.7 Extreme velocity, 8
Maximum velocity, 8 Direction, SE
Time began, 8:45 a.m.
Reduced barometer, 30.29 ? a. m. 30.17 ? p. m.
River gage, -0.1 feet
Relative humidity, 79 ? a. m. 63 ? p. m.

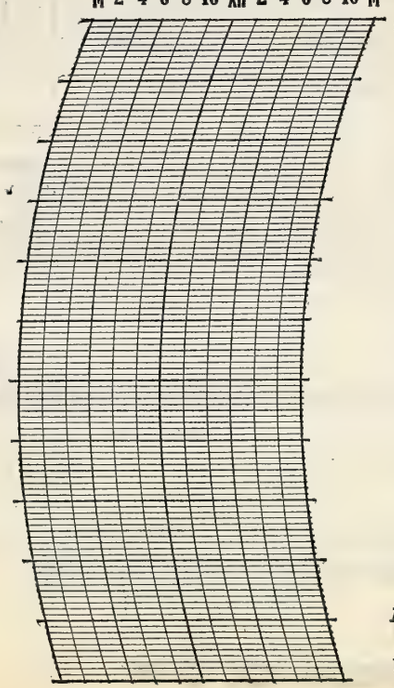
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 61.0 Wet temperature, 50.5
Dew-point, 43 R. humidity, 52 V. pressure, .227
Clouds: Amount, 5; Kind, Cu; Direction, S
Velocity of clouds (miles per hour)

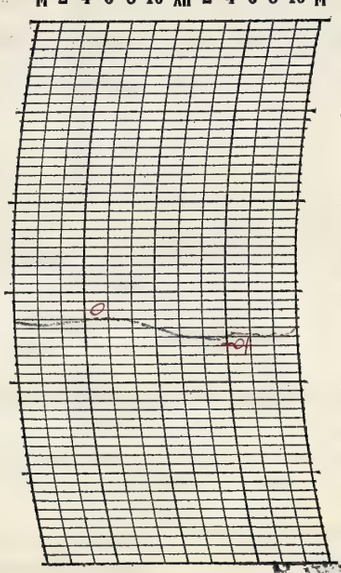
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

Clear in the morning but increasing cloudiness in the afternoon, sky overcast high clouds. Cloudy at night with a light rain from 6:10 pm off and on until after mid-night.

A light frost occurred in the morning

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 3 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	52	53	54	54	54	56	57	59	62	63	64	64	63	61	59	58	55	53	53	52	51
Nature of precipitation and time of beginning and ending	RB 0.30	RE 0.42																						
Amounts of precipitation	T	T																						
Cloudiness and other conditions	cloudy												cloudy						part cloudy					
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0.3	0.2	0	0	0	0						
Wind direction	N	N	N	E	SE	SE	E	E	E	E	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	6	2	3	4	4	5	3	5	5	5	4	4	5	7	5	7	7	6	4	6	6	5	5	5

State of weather.

Sunrise: Time, 5:40 Character, cloudy

Moonrise:

Sunset: Time, 5:20 Character, cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	51	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, cloudy Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 0.5 Possible sunshine, hours, 11.2

Per cent of possible sunshine, 4

Prevailing wind direction, E Total wind, 11.8

Average hourly velocity, 4.9 Extreme velocity, 9

Maximum velocity, 9 Direction, E

Time began, 1:51 pm

Reduced barometer, 30.29 7 a. m. 30.32 7 p. m.

River gage, -0.3 feet

Relative humidity, 85 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

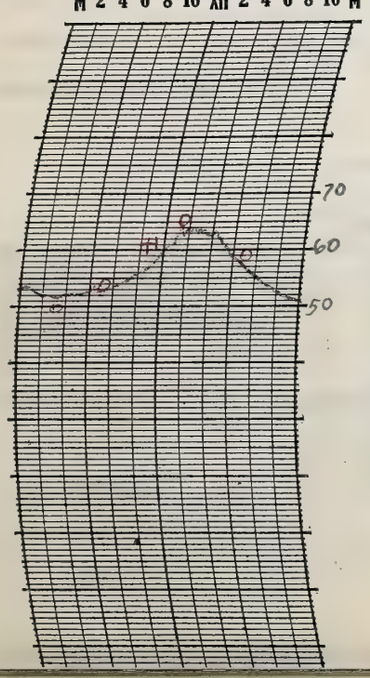
Dry temperature, 61.6 Wet temperature, 53.6

Dew-point, 48 R. humidity, 60 V. pressure, .334

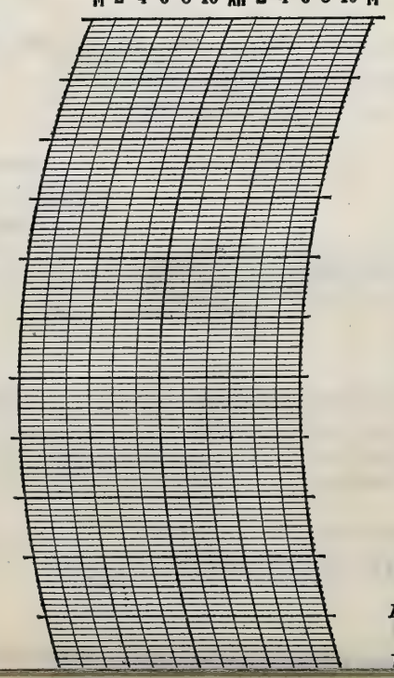
Clouds: Amount, 6; Kind, Stcu; Direction, E

Velocity of clouds (miles per hour)

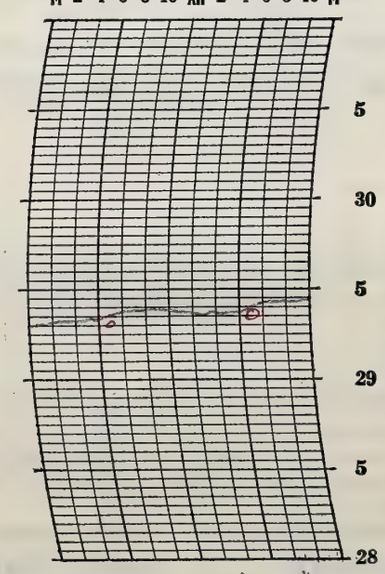
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.L.H.

NOTES

A light sprinkle fell between 12:30 a.m. and a little after 1:00 a.m. Overcast skies in the morning, visibility in the early morning about two miles. Partly cloudy in part of the afternoon, mostly clear at night. Good flying weather in the p.m.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 4 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	49	49	49	48	50	53	56	58	57	61	63	64	64	63	62	60	59	56	54	52	50	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	clear				→		Pt Cldy							clear					→
Sunshine (in tenths of hours)						0	0	0	0.5	0.9	0.2	0.4	0.6	1.0	0.7	0	0	0						
						0.32	0.5	0.5								0.6	0.5	0.32						
Wind direction	E	E	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E
Wind movement	4	3	5	6	6	5	6	5	8	10	9	8	7	9	7	8	5	4	4	6	6	8	5	4

Sunrise: Time, 5:41 Character, clear

Moonrise:

Sunset: Time, 5:19 Character, clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	48	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 7.0 Possible sunshine, hours, 11.6

Per cent of possible sunshine, 60

Prevailing wind direction, E Total wind, 148

Average hourly velocity, 6.2 Extreme velocity, 13

Maximum velocity, 13 Direction, NE

Time began, 10:32 am.

Reduced barometer, 30.43 7 a. m. 30.37 7 p. m.

River gage, -0.3 feet

Relative humidity, 40 7 a. m. 68 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

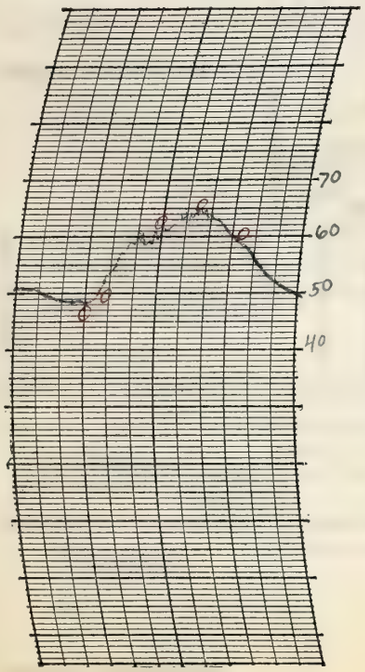
Dry temperature, 60.7 Wet temperature, 53.0

Dew-point, 48 R. humidity, 61 V. pressure, .334

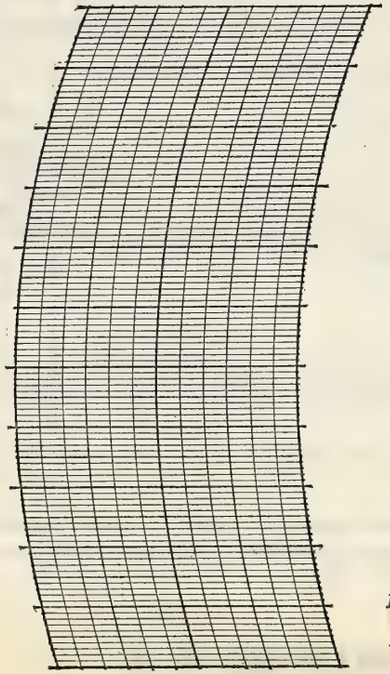
Clouds: Amount, 4; Kind, Cu; Direction, NE

Velocity of clouds (miles per hour)

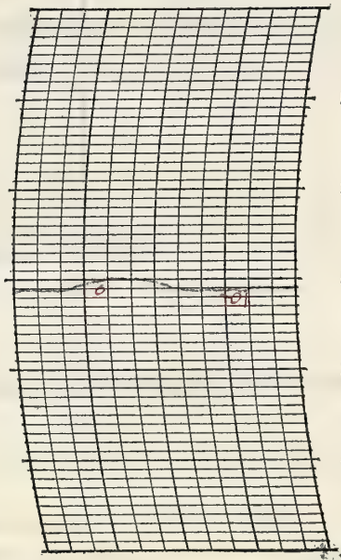
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.L.H.

8—486

NOTES

A very heavy dew in the morning; no frost. A mostly clear, mild beautiful day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Sunday, (Date) OCT 5 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	46	45	45	43	46	51	56	58	61	64	66	68	69	68	65	64	62	57	55	54	53	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←					part			cloudy											→
Sunrise: Time, Character, 5:42 cloudy																					Sunset: Time, Character, 5:17 cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0.5	1.0	1.0	1.0	1.0	0.9	0.8	0.2	0	0	0					
Wind direction	E	E	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	3	4	5	5	4	4	4	6	8	9	10	6	7	6	8	5	4	4	4	7	10	9	6	4
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	43	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day part cloudy phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 6.4 Possible sunshine, hours, 11.6
Per cent of possible sunshine, 55
Prevailing wind direction, E Total wind, 142
Average hourly velocity, 3.9 Extreme velocity, 11
Maximum velocity, 11 Direction, E
Time began, 10:38 am
Reduced barometer, 30.37 7 a. m. 30.24 7 p. m.
River gage, -0.5 feet
Relative humidity, 86 7 a. m. 44 7 p. m.

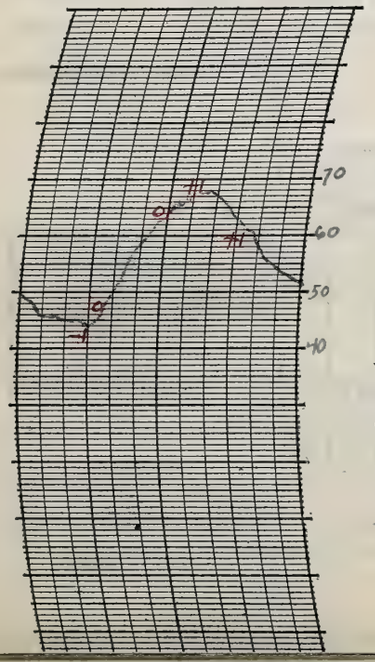
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

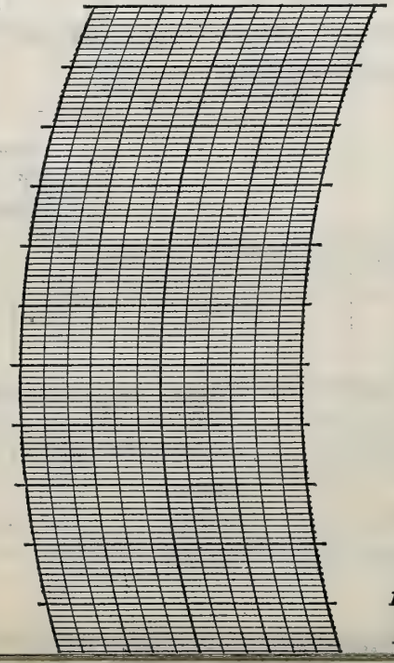
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 64.4 Wet temperature, 52.9
Dew-point, 42 R. humidity, 45 V. pressure, 266
Clouds: Amount, 7; Kind, ci; Direction, NW
Velocity of clouds (miles per hour)

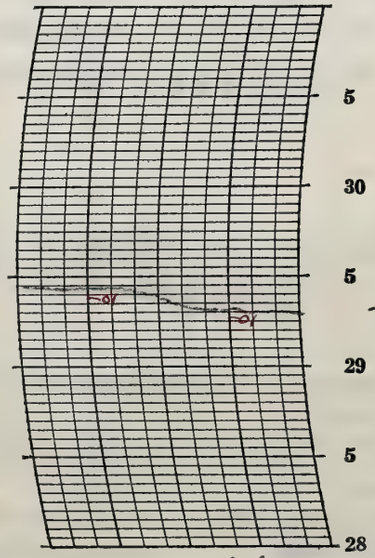
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Sun shone through clouds most of the day (thin cirrus). A mild beautiful day. Clear at night. Good flying weather.

A heavy dew occurred in the morning.

A 22° Lunar halo was observed in the evening.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 6 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	49	48	48	48	48	49	50	55	61	64	67	68	68	68	68	67	66	64	62	62	62	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←							cloudy												→
Sunrise: Time, 5:43 Character, cloudy																					Sunset: Time, 5:15 Character, cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0						
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	SE	SE	E	SE	E	E	E	E	E	E	SE	SE	SE
Wind movement	6	5	4	6	4	3	3	4	4	3	5	4	5	5	5	5	4	3	3	6	4	4	2	1
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

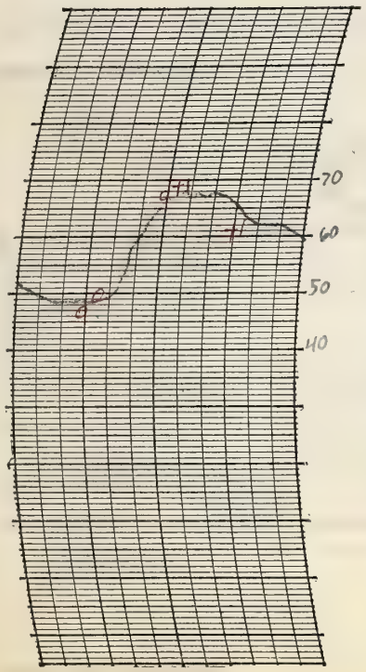
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
69	48	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 6.9 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 60
Prevailing wind direction, E Total wind, 98
Average hourly velocity, 4.1 Extreme velocity, 7
Maximum velocity, 7 Direction, E
Time began, 8:13 am
Reduced barometer, 30.21 7 a. m. 30.14 7 p. m.
River gage, -0.5 feet
Relative humidity, 80 7 a. m. 56 7 p. m.

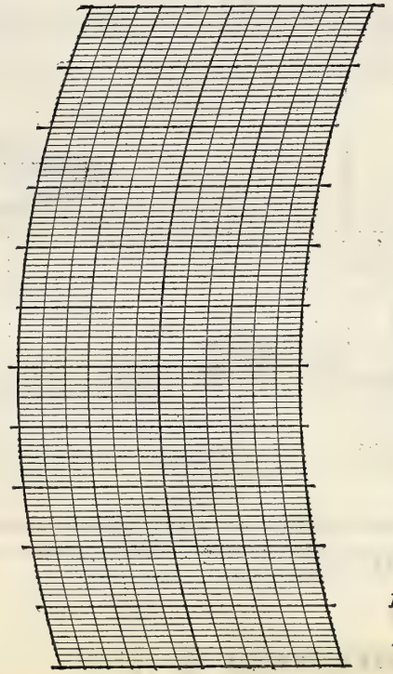
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 67.4 Wet temperature, 54.9
Dew-point, 45 R. humidity, 44 V. pressure, .298
Clouds: Amount, 10; Kind, stcu; Direction, E
Velocity of clouds (miles per hour)

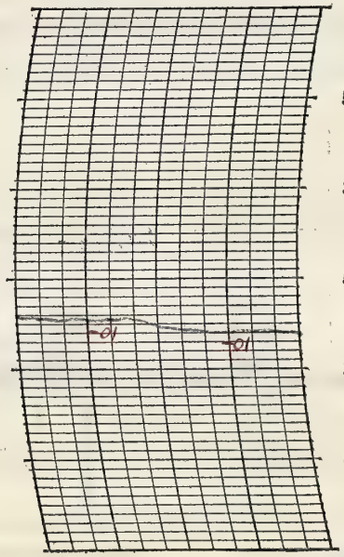
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by [illegible]

8—486

NOTES

a cloudy day but sun shone through upper clouds from 10:30 am to 4:30 pm. Flying conditions fair until 8:30 am then good the remainder of the day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 7 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	59	60	59	58	57	58	60	61	61	63	65
State of weather: Nature of precipitation and time of beginning and ending							RB 6:30	RE 7:50	RB 8:50		RE 10:30	RB 1:10 RE 11:15
Amounts of precipitation							.01	T	T	.01	.01	T
Cloudiness and other conditions												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	SE	SE	SE	SE	SE
Wind movement	2	1	3	3	3	2	4	4	8	7	9	11

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	68	68	67	67	65	62	57	58	57	57	57
State of weather: Nature of precipitation and time of beginning and ending				RB 3:35 RE 4:00			RB 6:15					R cont
Amounts of precipitation				T			.06	.33	.10	.19	.09	.17
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	SE	SE	SE	S
Wind movement	14	16	15	13	11	11	14	13	16	16	14	14

cloudy

Sunrise: Time, 5:44 Character, cloudy
Moonrise:

Sunset: Time, 5:14 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

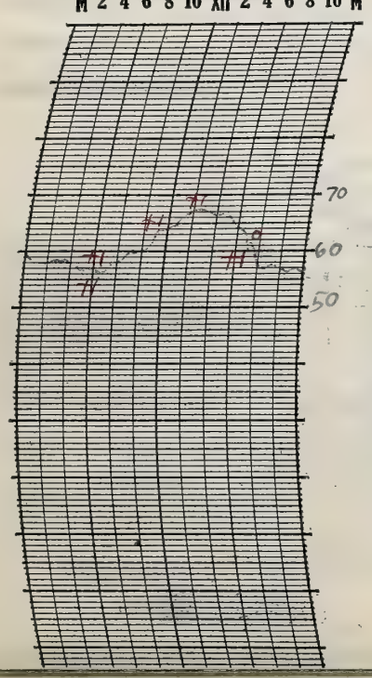
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
68	57	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .07 ins.
Total precipitation, midnight to midnight, .27 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.5
Per cent of possible sunshine, 0
Prevailing wind direction, SE Total wind, 224
Average hourly velocity, 9.3 Extreme velocity, 18
Maximum velocity, 17 Direction, SE
Time began, 1:52 pm.
Reduced barometer, 30.07 7 a. m. 29.91 7 p. m.
River gage, -0.5 feet
Relative humidity, 80 7 a. m. 79 7 p. m.

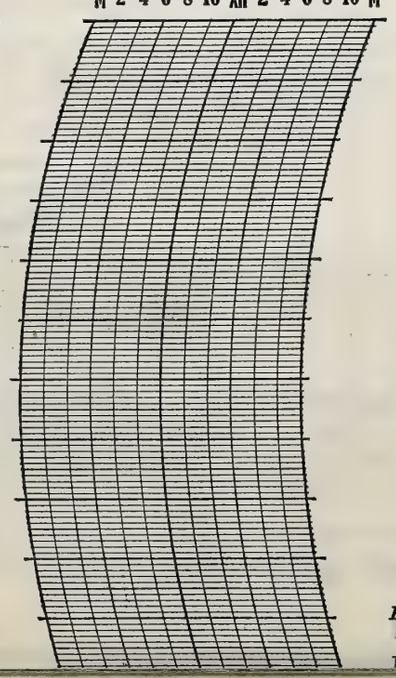
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 65.4 Wet temperature, 55.9
Dew-point, 49 R. humidity, 55 V. pressure, .347
Clouds: Amount, 4; Kind, ~~st cu~~ st; Direction, S
Velocity of clouds (miles per hour)

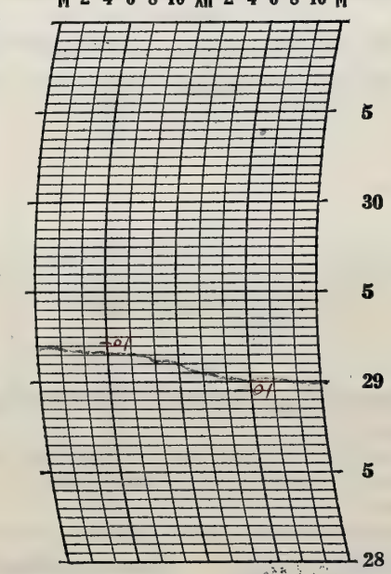
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.L.H.

NOTES

A cloudy threatening day with poor visibility, and light sprinkles at intervals. A steady rain began at 6:15 pm and continued until after midnight. It was heavy at times and visibility very poor.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 8 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	57	58	60	60	59	59	59	60	61	62
Nature of precipitation and time of beginning and ending	R Cont			RE DZ			RB 6:35	RE 7:10				
Amounts of precipitation	.20	.39	.24	.02			T	T				
Cloudiness and other conditions	← cloudy →											
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	13	12	10	10	9	8	8	8	7	8	8	8

Sunrise: Time, 5:45 Character, cloudy
Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	64	64	64	63	63	64	64	64	63	63
Nature of precipitation and time of beginning and ending	RB 12:00 RE 2:55						RB 6:15					RE Emp
Amounts of precipitation	T						T	T	T	T	T	.01
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0	0						
Wind direction	S	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	6	5	6	5	6	3	4	3	6	5	5	5

Sunset: Time, 5:12 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

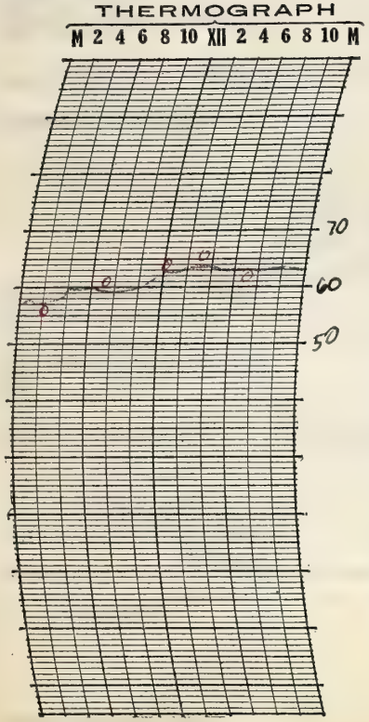
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
64	57	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .74 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .86 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 168
Average hourly velocity, 7.0 Extreme velocity, 18
Maximum velocity, 16 Direction, S
Time began, 12:09 2m
Reduced barometer, 29.94 7 a. m. 29.98 7 p. m.
River gage, 71.0 feet
Relative humidity, 94 7 a. m. 99 7 p. m.

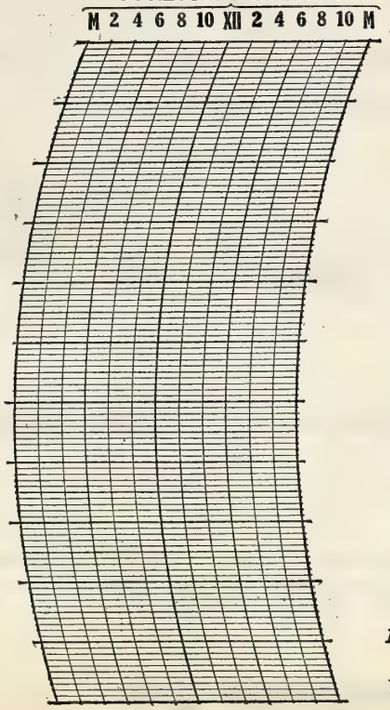
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 62.2 Wet temperature, 60.7
Dew-point, 60 R. humidity, 92 V. pressure, .512
Clouds: Amount, 10; Kind, Sc-St Direction, W
Velocity of clouds (miles per hour)

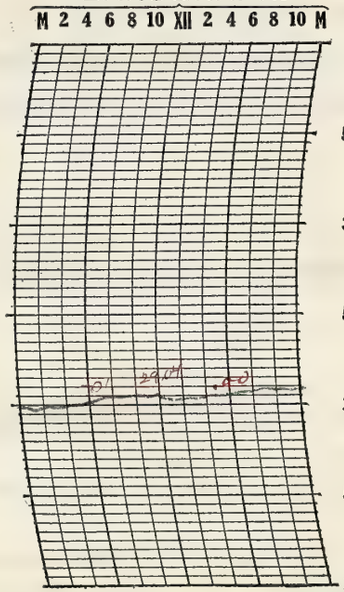
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by E. L. H.

8—486

NOTES

Visibility and flying conditions poor all day. Conditions quite bad from 4:30 p.m. until midnight. Visibility very poor, and the light mist formed on windshields, and the streets were very slippery.

OCT 1930

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 9 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	63	63	63	63	63	63	64	64	68	69	71
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←			cloudy			×	
Sunrise: Time, Character, 5:46 cloudy												
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0	0.4	1.0	1.0
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SE
Wind movement	5	3	3	4	4	5	5	4	3	3	2	3

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	75	75	74	72	70	69	67	66	64	63	62
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							part cloudy					→
Sunrise: Time, Character,												
Moonrise:												
Sunset: Time, Character, 5:10 cloudy												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.6	0						
Wind direction	SE	SE	SE	SE	SE	E	E	E	E	E	E	E
Wind movement	5	4	5	4	5	3	5	4	5	5	5	4

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

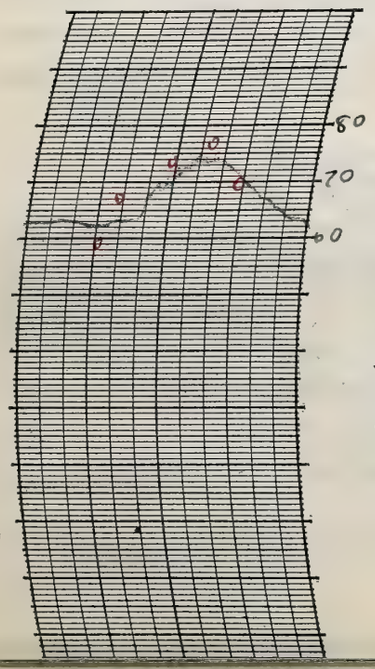
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	62	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, part cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 7.0 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 61
Prevailing wind direction, S Total wind, 98
Average hourly velocity, 4.1 Extreme velocity, 6
Maximum velocity, 6 Direction, SE
Time began, 2:20 pm
Reduced barometer, 30.08 7 a. m. 30.09 7 p. m.
River gage, 1.0 feet
Relative humidity, 47 7 a. m. 25 7 p. m.

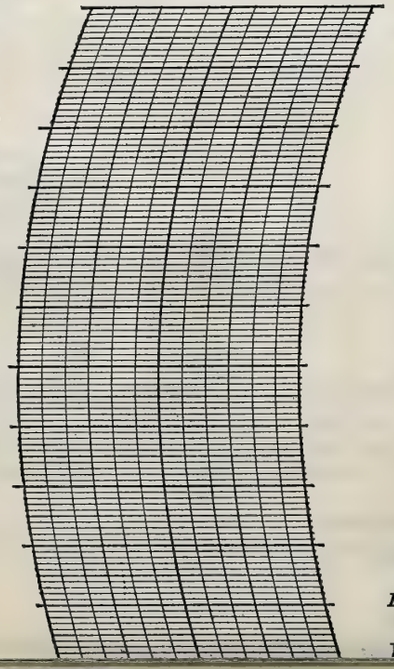
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 70.8 Wet temperature, 64.3
Dew-point, 61 R. humidity, 71 V. pressure, .536
Clouds: Amount, 5; Kind, cu; Direction, SE
Velocity of clouds (miles per hour)

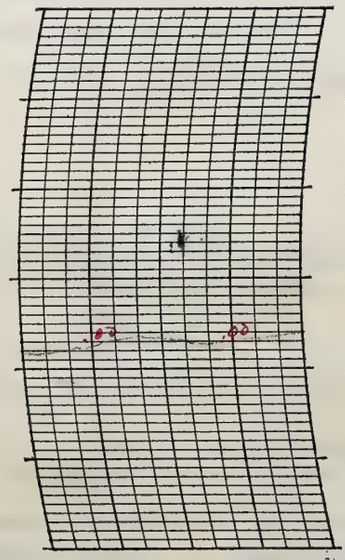
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.H.

NOTES

A cloudy morning followed by a partly cloudy afternoon. However, the clouds were high and flying conditions favorable all day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Friday, (Date) OCT 10 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	59	58	58	58	57	60	64	69	72	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←D. Fog			→X	X	X		
Sunshine (in tenths of hours)						0	0	0.9	1.0	1.0	1.0	1.0
Wind direction	E	E	E	E	E	NE	NE	E	E	NE	E	E
Wind movement	3	3	3	3	4	3	2	3	3	3	7	7
Maximum velocities (exceeding ____ miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	76	76	74	71	68	65	62	61	60	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7 0.3	0.15 0						
Wind direction	NE	NE	NE	E	E	NE	NE	NE	E	E	E	E
Wind movement	7	6	6	6	4	4	5	7	5	5	7	6
Maximum velocities (exceeding ____ miles) direction and time												

Sunrise: Time, 5:47 Character, Foggy
Moonrise:

Sunset: Time, 5:09 Character, clear
Moonset:

Clouds: D. Fog, X, Fog, clear

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	56	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.0 Possible sunshine, hours, 11.4
Per cent of possible sunshine, 88
Prevailing wind direction, E Total wind, 112
Average hourly velocity, 4.7 Extreme velocity, 10
Maximum velocity, 10 Direction, E
Time began, 10:05 pm
Reduced barometer, 30.21 7 a. m. 30.24 7 p. m.
River gage, 1.1 feet
Relative humidity, 99 7 a. m. 84 7 p. m.

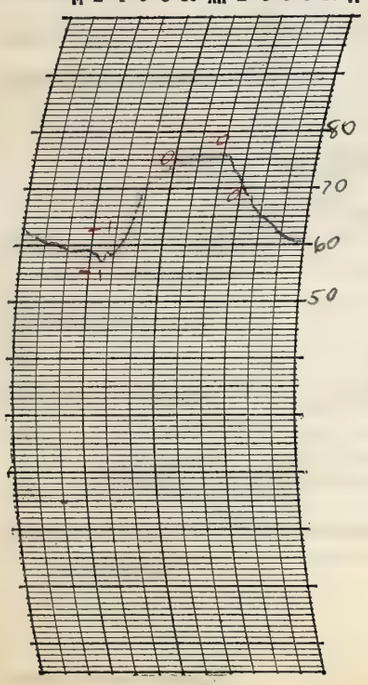
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

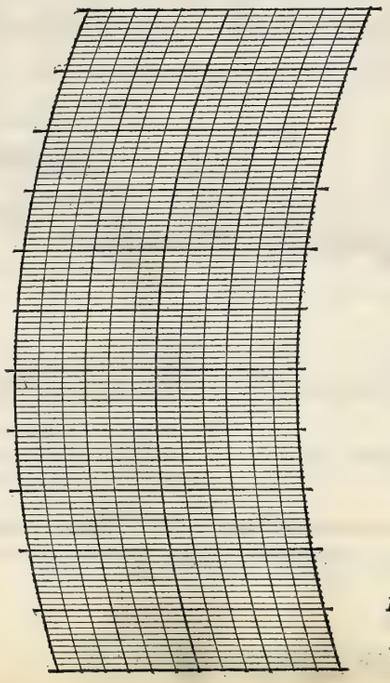
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 74.3 Wet temperature, 65.3
Dew-point, 60 R. humidity, 62 V. pressure, .512
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

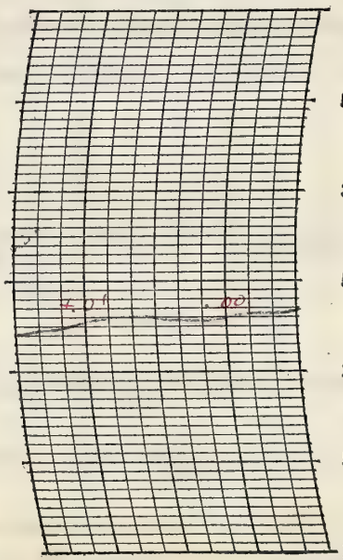
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by E.L.H.

8—486

NOTES

The dense fog that occurred in the early morning kept all airplanes on the ground until about 9:00 am. The afternoon was mostly clear with some scattered cumulus clouds. Clear at night.

Dense Fog DN2 – 7:30 am
Light Fog 7:30 am – 8:20 am

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 11 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	57	57	56	56	57	58	59	62	69
State of weather: Nature of precipitation and time of beginning and ending						RB 5:50		RE 7:20				
Amounts of precipitation						T	T	T				
Cloudiness and other conditions					Fg	Fog		Fg			Cldy	Cldy
Sunrise: Time, Character,	5:48 Foggy											
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0	0	0.8	1.0
Wind direction	E	E	E	E	E	E	E	E	E	E	NE	E
Wind movement	5	6	5	5	4	5	6	4	6	4	5	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	73	75	75	73	70	68	67	65	63	62	60
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						clear						
Sunset: Time, Character,									5:07 clear			
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.9 0.1	0.12 0						
Wind direction	E	NE	NE	NE	E	NE	NE	NE	NE	E	E	NE
Wind movement	6	5	6	6	3	4	4	6	5	6	5	4

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

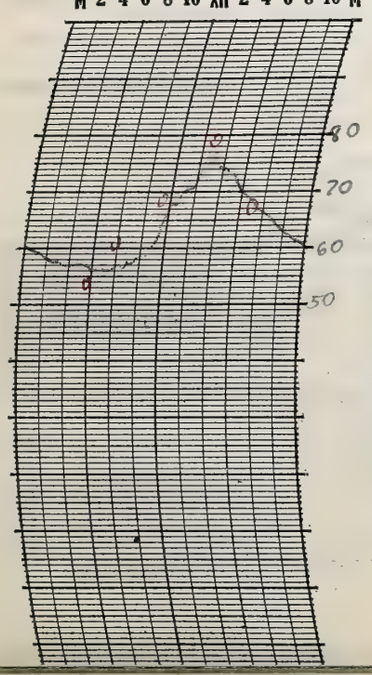
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	56	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day: part cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 6.9 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 61
Prevailing wind direction, E Total wind, 120
Average hourly velocity, 5.0 Extreme velocity, 8
Maximum velocity, 8 Direction, E
Time began, 9:35 pm
Reduced barometer, 30.35 7 a. m. 30.30 7 p. m.
River gage, 0.7 feet
Relative humidity, 100 7 a. m. 81 7 p. m.

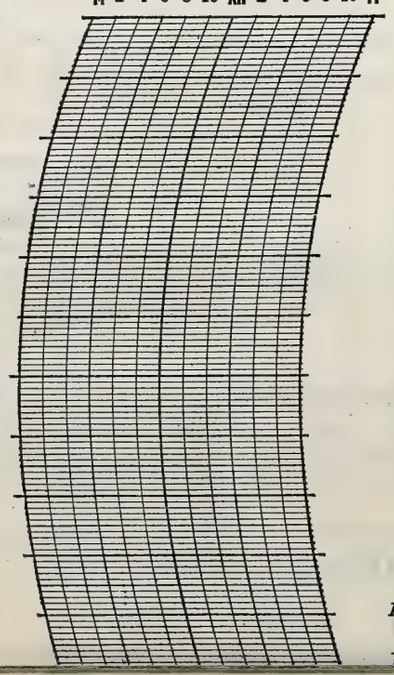
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 69.2 Wet temperature, 63.2
Dew-point, 60 R. humidity, 72 V. pressure, .517
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

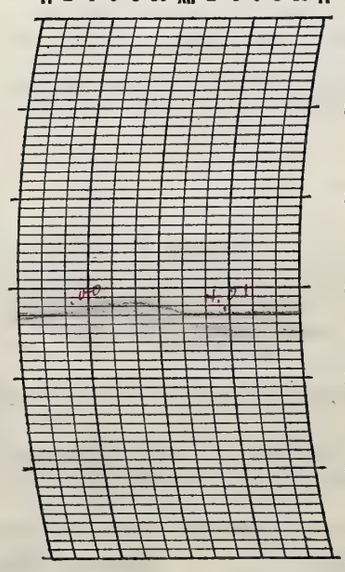
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J.
Verified by E.L.H.

NOTES

The fog became dense at 5:00 am and continued until 7:40 am.
A light mist occurred with the fog and water formed on windshields, etc. Driving conditions were bad from 5:00 am till about 8:00 am. Visibility continued poor until 10:00 am.

Light fog DN2 – 5:00 am
Dense fog 5:00 am – 7:40 am
Light fog 7:40 am – 8:50 am

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 12 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	57	56	55	56	60	65	70	73	79
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					← lt Fog	×					clear	
Sunshine (in tenths of hours)						0.15 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE
Wind movement	6	5	5	4	5	4	5	4	4	4	4	3
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	78	78	78	77	74	72	70	65	64	62	61
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	clear											→
Sunshine (in tenths of hours)	1.0	1.0	1.0	1.0	0.7 0.3	0.10 0						
Wind direction	NE	E	NE	E	E	E	E	E	NE	NE	NE	NE
Wind movement	7	6	4	5	3	3	7	6	5	4	3	4
Maximum velocities (exceeding 24 miles) direction and time												

Sunrise: Time, 5:49 Character, clear
Moonrise:

Sunset: Time, 5:06 Character, clear
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
80	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 11.3 Possible sunshine, hours, 11.3
Per cent of possible sunshine, 100
Prevailing wind direction, NE Total wind, 104
Average hourly velocity, 4.3 Extreme velocity, 7
Maximum velocity, 7 Direction, E
Time began, 7:25 pm
Reduced barometer, 30.31 7 a. m. 30.21 7 p. m.
River gage, 0.5 feet
Relative humidity, 99 7 a. m. 61 7 p. m.

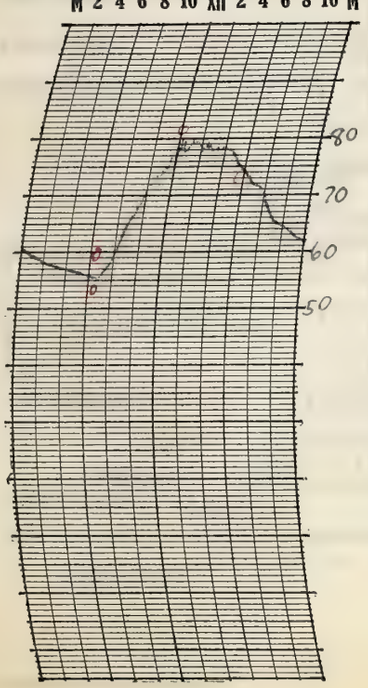
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

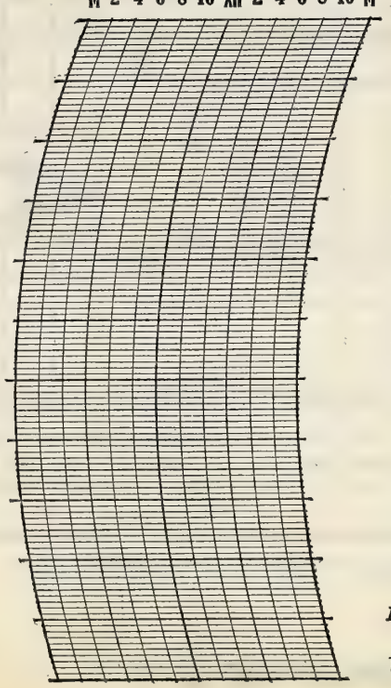
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 79.2 Wet temperature, 67.2
Dew-point, 64 R. humidity, 60 V. pressure, 29.5
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

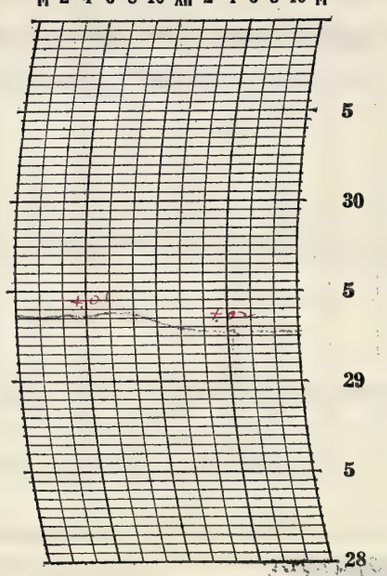
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH
Verified by EB.H

8—486

NOTES

A light fog occurred in the morning but lifted rapidly and by 7:30 am. the visibility was good. A warm, clear, beautiful fall day.
Light fog D N C — 7:10 am

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 13 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	57	57	57	56	57	58	62	66	71	77	77	78	79	78	76	73	70	68	65	64	63	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					≤ Pf	Fog	X				clear													
Sunshine (in tenths of hours)						0.15 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.07 0						
Wind direction	E	E	E	E	E	E	E	E	N	N	N	NE	E	E	E	SE	SE	SE	E	E	E	E	E	E
Wind movement	3	3	4	4	2	2	3	3	3	2	2	5	6	4	3	5	4	2	3	3	2	2	3	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:51 Character, clear
Moonrise:
Sunset: Time, 5:04 Character, clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

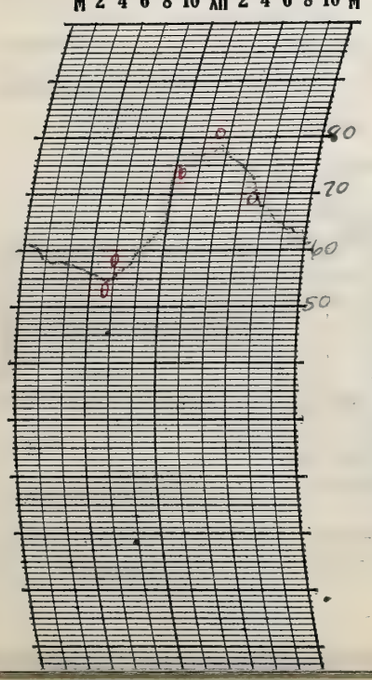
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	55	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 11.2 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind, 76
Average hourly velocity, 3.2 Extreme velocity, 7
Maximum velocity, 7 Direction, NE
Time began, 11:46 am.
Reduced barometer, 30.20 7 a. m. 30.08 7 p. m.
River gage, − 0.5 feet
Relative humidity, 94 7 a. m. 62 7 p. m.

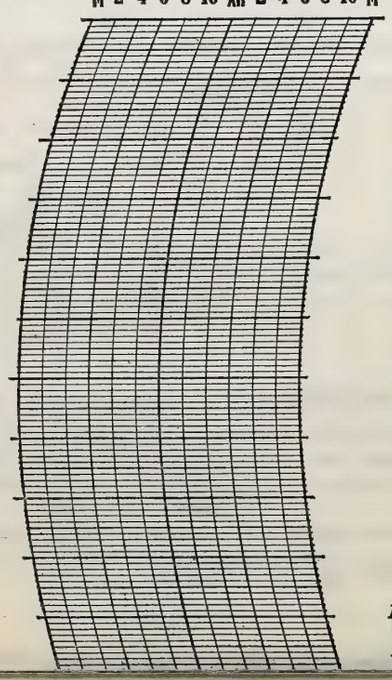
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 77.0 Wet temperature, 63.5
Dew-point, 55 R. humidity, 47 V. pressure, .432
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

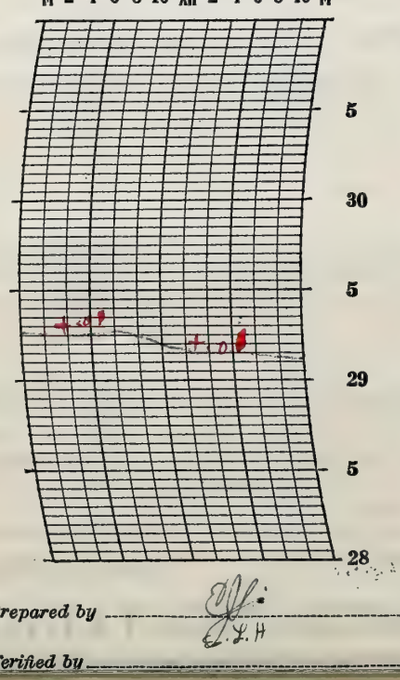
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.Y.H

Verified by

NOTES

A light fog and very heavy dew occurred in the morning. This was followed by clear skies and the day was warm and pleasant.
Light fog 5:00 am – 6:30 am

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 14 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	57	57	56	56	55	56	59	65	71	75	78	79	78	78	77	76	73	71	68	66	65	63	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←						clear										→			
Sunshine (in tenths of hours)						0.13 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1 0.9	1.0 0	0.03 0						
Wind direction	E	E	NE	NE	E	NE	NE	NE	NE	E	E	E	SE	NE	NE	E	E	E	E	E	E	E	E	E
Wind movement	2	1	4	4	2	3	2	1	1	2	4	3	3	4	5	4	4	2	2	1	2	3	2	2
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 5:52 Character, clear
Moonrise:
Sunset: Time, 5:02 Character, clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

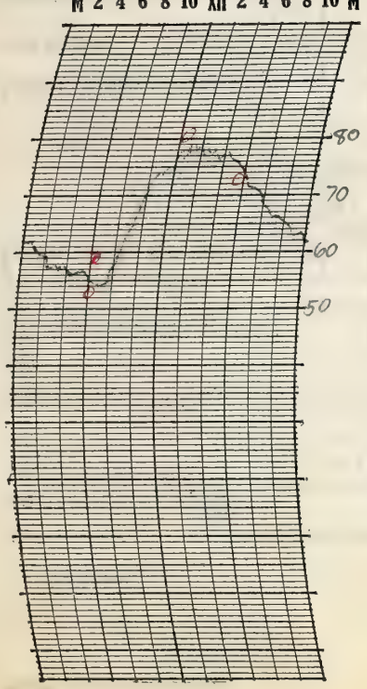
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
79	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 11.2 Possible sunshine, hours, 11.2
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind, 63
Average hourly velocity, 2.6 Extreme velocity, 6
Maximum velocity, 6 Direction, NE
Time began, 1:24 pm
Reduced barometer, 30.03 7 a. m. 29.89 7 p. m.
River gage, -0.5 feet
Relative humidity, 88 7 a. m. 56 7 p. m.

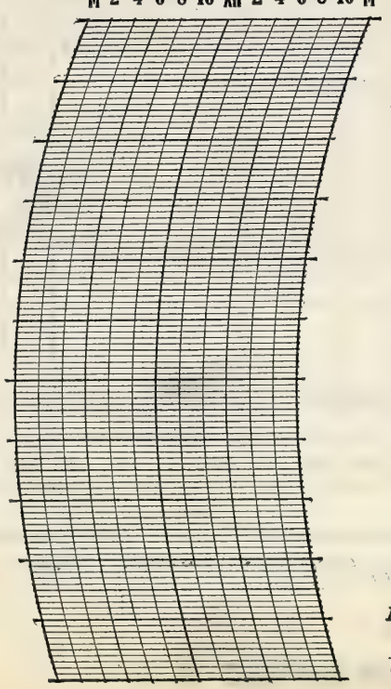
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 72.9 Wet temperature, 60.9
Dew-point, 49 R. humidity, 32 V. pressure, .347
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

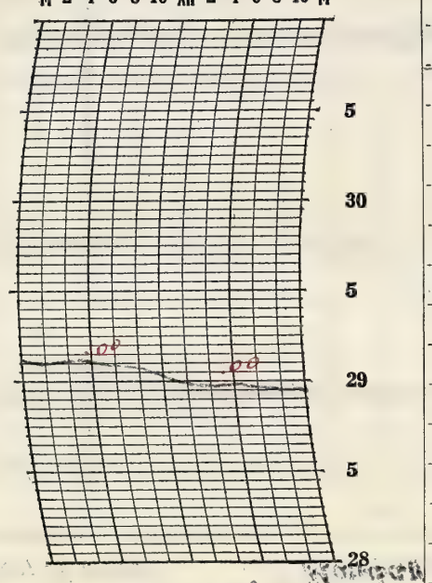
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

8—486

NOTES

A very heavy dew occurred in the early morning. Day clear warm and beautiful.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 15 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	58	58	56	55	56	57	60	65	67	70	71	72	71	70	68	65	64	62	62	60	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← clear						×				part cloudy									→
Sunrise: Time, Character, 5:53 clear																					Sunset: Time, Character, 5:01 cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.12 0	1.0 0	0.8 0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0						
Wind direction	NE	N	N	NE	NE	NE	NE	NE	N	N	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	4	3	4	3	2	2	1	2	3	4	3	4	4	6	5	4	4	3	3	1	1	1	2
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

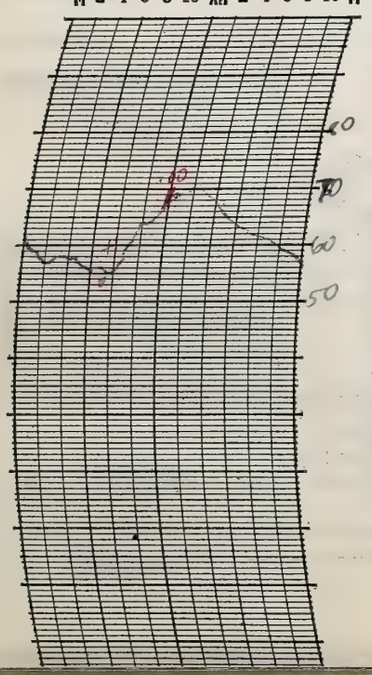
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
73	55	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, part cloudy; Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.6 Possible sunshine, hours, 11.1
Per cent of possible sunshine, 86
Prevailing wind direction, NW Total wind, 73
Average hourly velocity, 3.0 Extreme velocity, 6
Maximum velocity, 6 Direction, NW
Time began, 3:03 pm.
Reduced barometer, 29.857 a. m. 29.817 p. m.
River gage, -0.5 feet
Relative humidity, 88 7 a. m. 82 7 p. m.

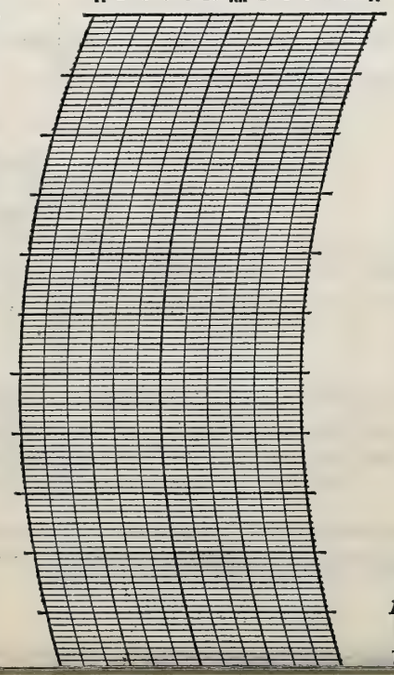
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 69.9 Wet temperature, 61.9
Dew-point, 57 R. humidity, 64 V. pressure, .465
Clouds: Amount, 4; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

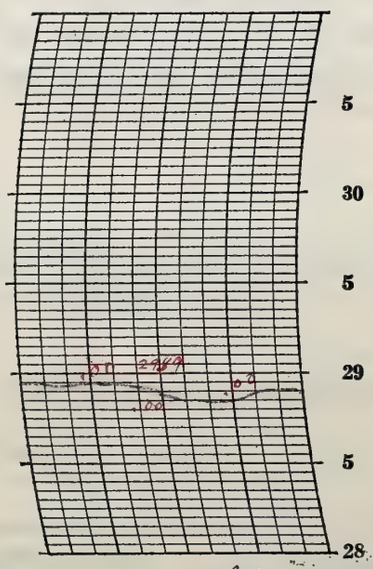
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.H.
Verified by E.J.H.

NOTES

Some thin high clouds most of the day. A warm pleasant day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 16 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	57	53	52	52	53	54	59	65	69	72	74
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					part cloudy							
Sunshine (in tenths of hours)						0	0	0.4	1.0	1.0	1.0	1.0
Wind direction	W	W	W	W	W	SW	SW	S	S	S	S	S
Wind movement	1	2	2	2	3	3	5	5	8	10	10	13

Sunrise: Time, 5:54 Character, cloudy

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	76	75	74	73	71	70	65	65	56	53	52
State of weather: Nature of precipitation and time of beginning and ending								RB 7:03 RE 8:00				RE 11:40 R cont
Amounts of precipitation								.08				T
Cloudiness and other conditions							cloudy					
Sunshine (in tenths of hours)	1.0	1.0	0.5	0	0							
Wind direction	S	S	S	S	S	S	S	SW	SW	NW	NW	NW
Wind movement	13	12	11	11	9	10	8	9	5	16	17	14

Sunset: Time, 4:59 Character, cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
76	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0.08 inches.

Character of day, part cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 6.9 Possible sunshine, hours, 11.1

Per cent of possible sunshine, 62

Prevailing wind direction, S Total wind, 199

Average hourly velocity, 8.3 Extreme velocity, 23

Maximum velocity, 22 Direction, NW

Time began, 10:50 pm.

Reduced barometer, 29.86 7 a. m. 29.71 7 p. m.

River gage, -0.5 feet

Relative humidity, 97 7 a. m. 69 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

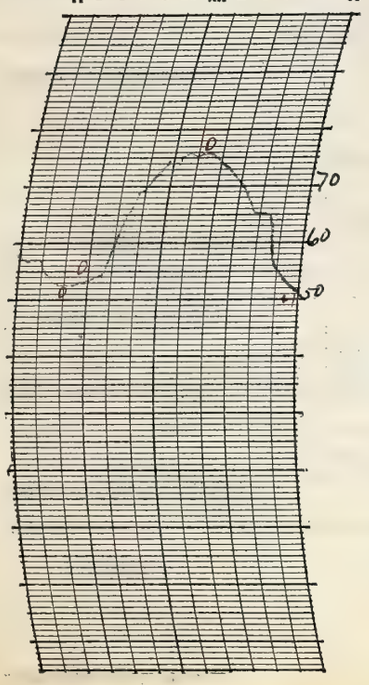
Dry temperature, 74.3 Wet temperature, 64.8

Dew-point, 59 R. humidity, 60 V. pressure, .499

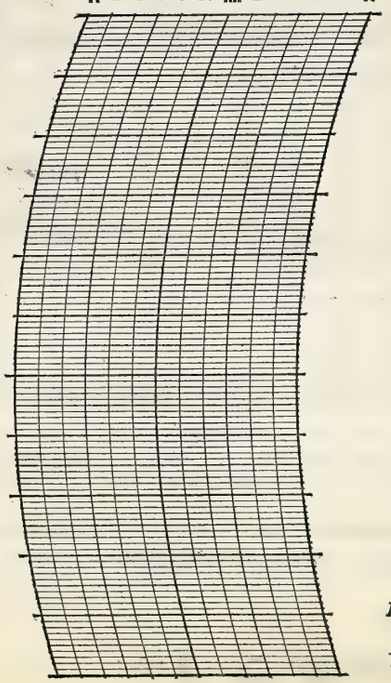
Clouds: Amount, 5; Kind, cu; Direction, SW

Velocity of clouds (miles per hour)

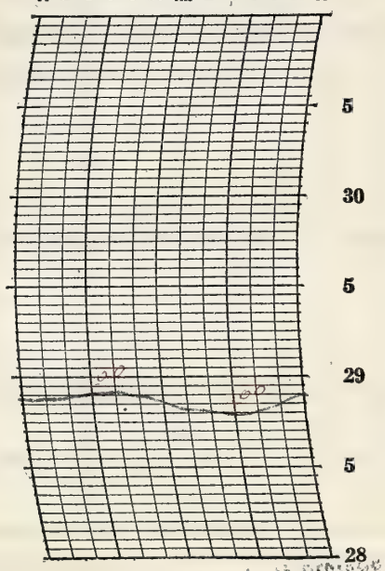
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H.

Verified by E. L. H.

8—486

NOTES

A very heavy dew formed in the morning. Sun shone through high clouds most of the day. Flying conditions favorable after 8:30 am. The thunderstorm that occurred during the evening was not severe and no damage was reported. Streets were slippery - rain on the leaves, - from 7:20 pm. on.

TS 1st heard 7:03 pm.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 17 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	48	45	45	44	43	43	44	45	46	47
State of weather: Nature of precipitation and time of beginning and ending	R dont	RE DN2										
Amounts of precipitation	0.2	T										
Cloudiness and other conditions					Cloudy →					← Partly cloudy →		
Sunshine (in tenths of hours)						0	0	0.1	1.0	1.0	1.0	1.0
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	NW	W
Wind movement	14	14	15	15	15	12	13	14	15	15	14	12

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	49	49	48	47	45	41	37	37	36	35	34
Nature of precipitation and time of beginning and ending								SM B 7:03 SM E 7:50				
Amounts of precipitation								T				
Cloudiness and other conditions						← Cloudy →						
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.9	0							
Wind direction	W	W	W	SW	W	W	W	W	SW	SW	W	W
Wind movement	16	15	14	14	13	12	15	16	8	9	12	11

Sunrise: Time, 5:35 Character, cloudy
Moonrise:
Sunset: Time, 4:58 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

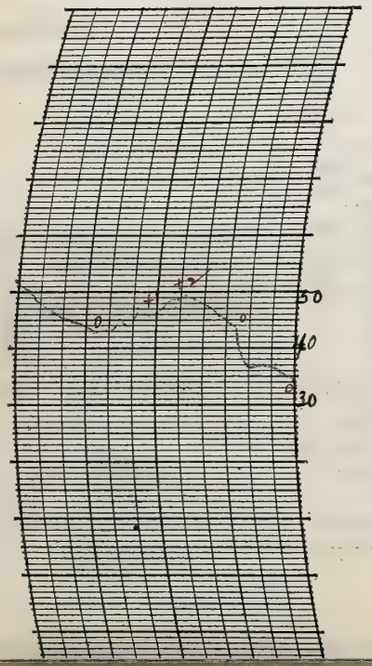
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	34	42	

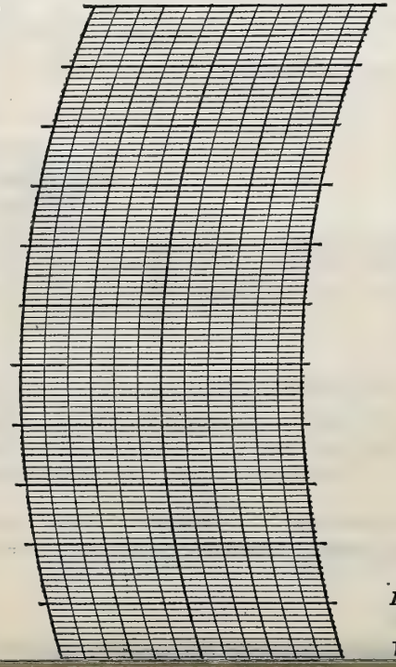
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .10 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, ~~0.10~~ inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 8.0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 73
Prevailing wind direction, W Total wind, 323
Average hourly velocity, 13.5 Extreme velocity, 25
Maximum velocity, 24 Direction, W
Time began, 7:03 pm
Reduced barometer, 29.97-7 a. m. 29.99-7 p. m.
River gage, 0.3 feet
Relative humidity, 78 7 a. m. 72 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 47.2 Wet temperature, 41.2
Dew-point, 34 R. humidity, 60 V. pressure, .195
Clouds: Amount, 4; Kind, a.cu; Direction, NW
Velocity of clouds (miles per hour)

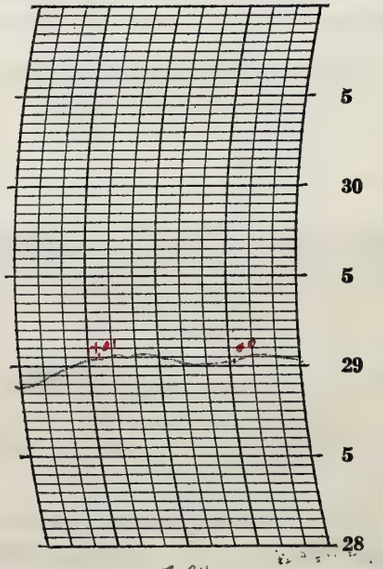
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H

NOTES

The day was partly cloudy, cold and windy. A light wet snow (mixed with rain) began at 7:03 P.M. The streets became very slippery by 7:15 P.M and for the next hour and one half driving was dangerous. The streets were covered with leaves and when they became wet, brakes were useless. The snow flurry was somewhat heavier north of the station. These were the first snow flakes of the season.

Frost warning for a killing frost was received with the Indiana State forecast, & was issued in the regular way. Also phoned to the special frost list.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 18 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	31	31	30	30	30	31	33	34	35	36	37	37	37	37	37	37	37	37	36	35	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear			← Cloudy															→
Sunshine (in tenths of hours)						.7 0	0.8 0	0.8	0.9	0.8	0.6	0.8	0.1	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	10	12	12	11	12	11	14	16	15	17	16	16	17	16	14	11	12	9	12	14	14	14	11

Sunrise: Time, 5:56 Character, Clear
Moonrise:
Sunset: Time, 4:56 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

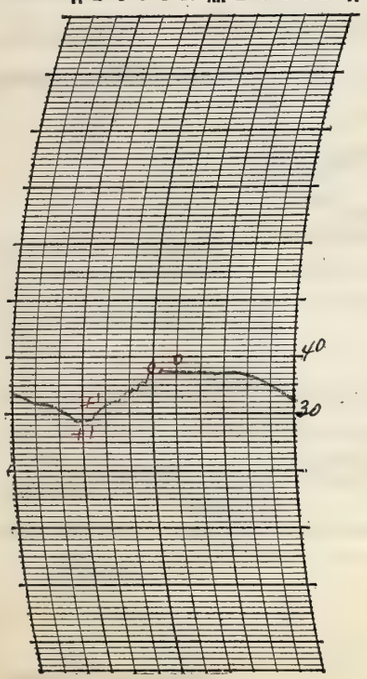
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	30	34	

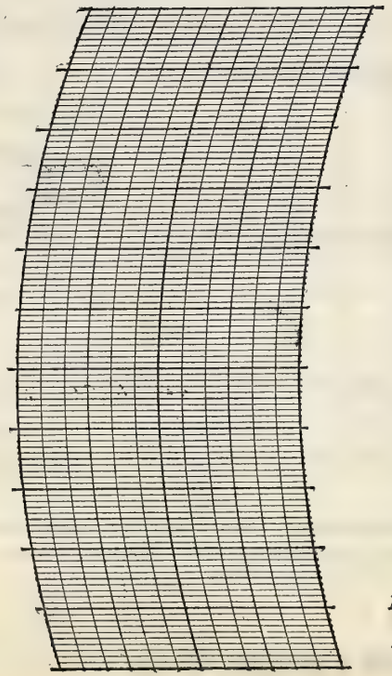
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 4.9 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 45%
Prevailing wind direction, W Total wind, 316
Average hourly velocity, 13.2 Extreme velocity, 20
Maximum velocity, 20 Direction, SW
Time began, 1:13 P.M.
Reduced barometer, 29.97 – 7 a. m. 29.96 – 7 p. m.
River gage, + 0.5 feet
Relative humidity, 68 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 36.4 Wet temperature, 30.4
Dew-point, 20 R. humidity, 48 V. pressure, .103
Clouds: Amount, 8; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

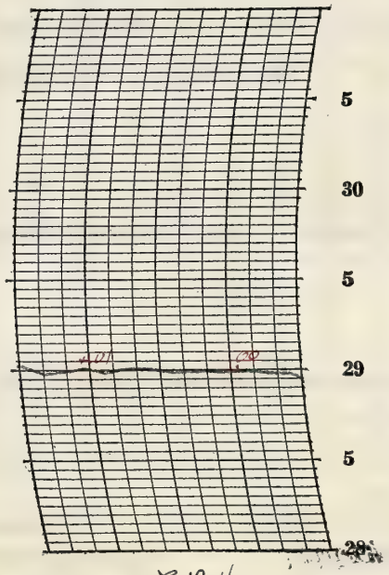
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.
Verified by E.L.H.

8—486

NOTES

The growing season was ended this morning when the temperature reached 30 degrees, the frost killing the greater portion of all growing plants. Crops were matured and no great damage occurred.

Frost warnings received and issued for a heavy frost.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 19 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	31	31	30	30	30	31	31	32	33	34	35	36	37	35	34	33	31	31	31	30	29	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear ← Partly Cloudy → Clear →																	
Sunrise: Time, 5:52 Character, Clear																					Sunset: Time, 4:55 Character, Clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0.05 0	1.0 0	1.0	0.6	0.9	0.9	1.0	1.0	1.0	1.0	0.8	0.8 0							
Wind direction	SW	SW	SW	W	W	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW
Wind movement	9	8	11	13	13	13	12	18	20	19	18	17	18	17	15	18	16	10	8	8	8	7	7	6
Maximum velocities (exceeding 24 miles) direction and time									26 SW 8:04															

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

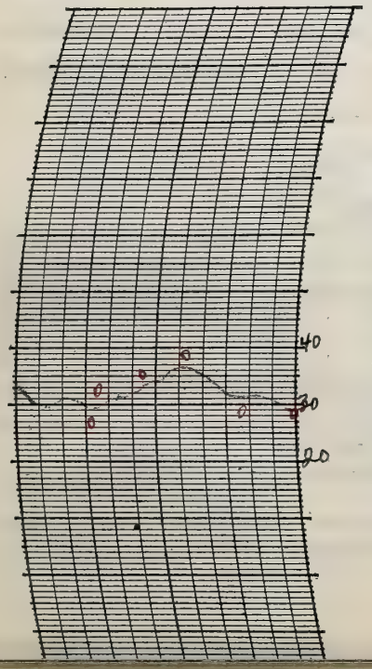
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	29	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day Partly Cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 10.0 Possible sunshine, hours, 11.0
Per cent of possible sunshine, 91%
Prevailing wind direction, West Total wind, 309
Average hourly velocity, 12.9 Extreme velocity, 29
Maximum velocity, 26 Direction, SW
Time began, 8:04 a.m.
Reduced barometer, 29.93 7 a. m. 30.06 7 p. m.
River gage, +0.3 feet
Relative humidity, 52 7 a. m. 55 7 p. m.

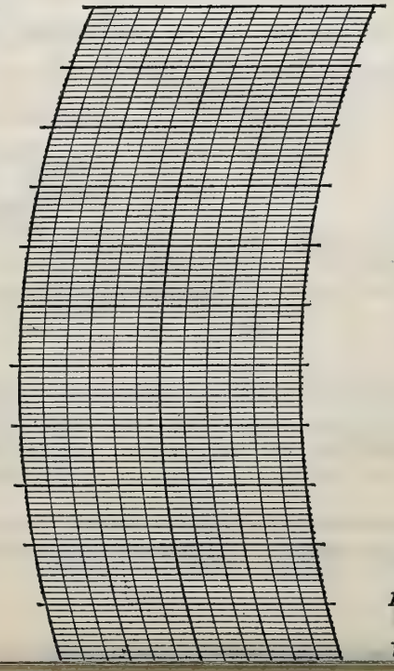
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 33.8 Wet temperature, 29.3
Dew-point, 22 R. humidity, 58 V. pressure, .113
Clouds: Amount, 3; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

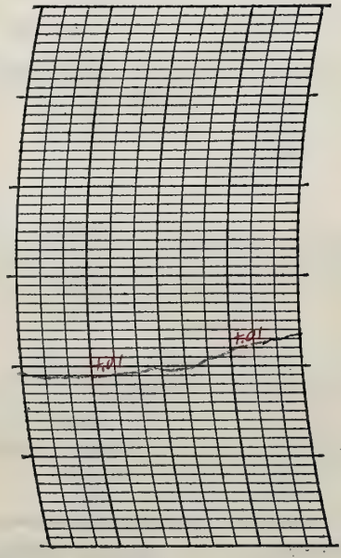
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H

NOTES

a. cold windy day. Sun shone most of the time through broken clouds. Mostly clear at night. No frost was noticed in the morning

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 20 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	26	26	26	25	25	28	31	34	36	37	38	39	40	41	38	37	34	32	32	31	30	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →												← Partly cloudy →								Cloudy →			
Sunshine (in tenths of hours)						0.3 0	1.0 0	0.3 0.7	1.0	1.0	1.0	0.9	0.1	0.4	0.7	0.7	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	W
Wind movement	7	6	5	4	5	4	6	8	9	12	13	12	10	8	9	9	7	6	6	4	3	2	2	2

Sunrise: Time, 5:58 Character, Clear
Moonrise:
Sunset: Time, 4:53 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

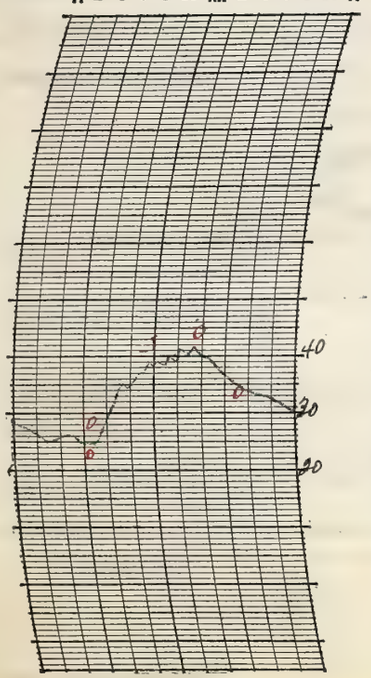
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	25	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Part Cloudy Moon phase,
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 7.8 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 72%
Prevailing wind direction, W Total wind, 159
Average hourly velocity, 6.6 Extreme velocity, 15
Maximum velocity, 15 Direction, W
Time began, 10:15 am
Reduced barometer, 30.26 7 a. m. 30.38 7 p. m.
River gage, −0.5 feet
Relative humidity, 69 7 a. m. 62 7 p. m.

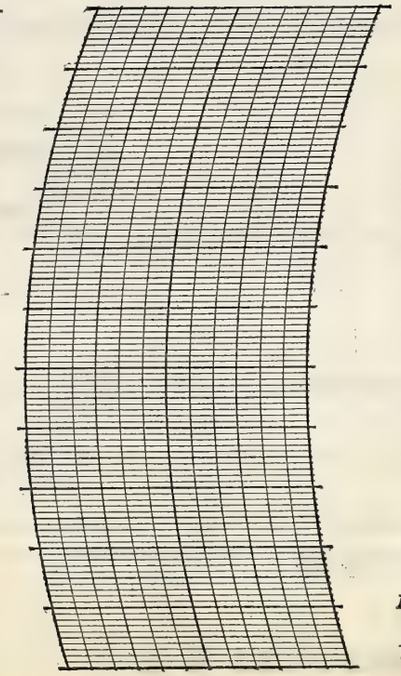
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.2 Wet temperature, 31.2
Dew-point, 21 R. humidity, 49 V. pressure, 1.08
Clouds: Amount, 2; Kind, Cu; Direction, W
Velocity of clouds (miles per hour)

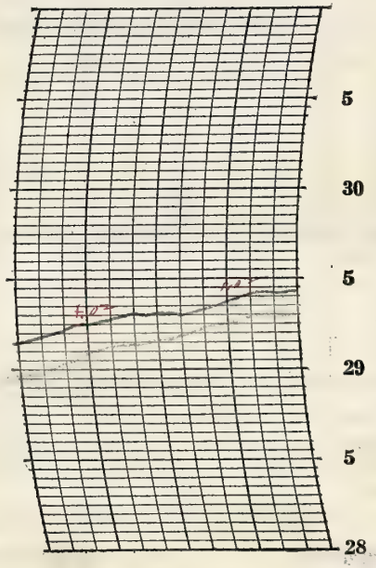
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by B.H.
Verified by B.H.

8—486

NOTES

a partly cloudy day. The morning was the coldest on record for so early in the fall.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind; (Day of week) Tuesday, (Date) OCT 21 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	30	31	32	33	33	33	34	35	36	37	39	40	40	40	41	40	38	36	34	33	33	33	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Cloudy → Clear																							
Sunrise: Time, 3:59 Character, Cloudy																					Sunset: Time, 4:52 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0.1	0							
Wind direction	SW	W	W	W	SW	SW	SW	SW	W	W	W	NW	NW	W	W	NW	W	W	W	W	W	W	S	S
Wind movement	3	4	4	2	3	3	5	4	6	7	6	6	7	8	8	6	6	3	4	4	2	2	2	2
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

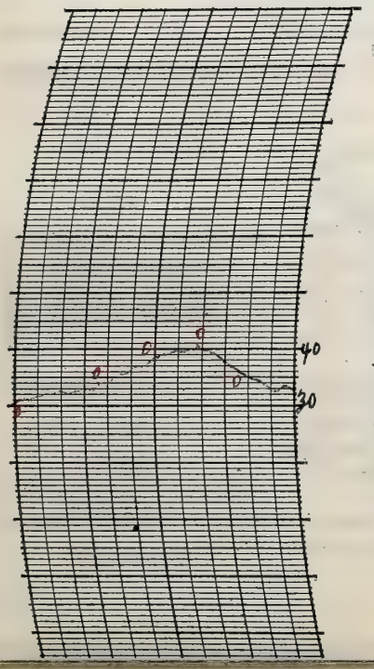
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	30	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 10.9
Per cent of possible sunshine, 1 %
Prevailing wind direction, W Total wind, 107
Average hourly velocity, 4.5 Extreme velocity, 12
Maximum velocity, 12 Direction, NW
Time began, 2.30 P.M.
Reduced barometer, 30.487 a. m. 30.517 p. m.
River gage, +0.4 feet
Relative humidity, 80 7 a. m. 65 7 p. m.

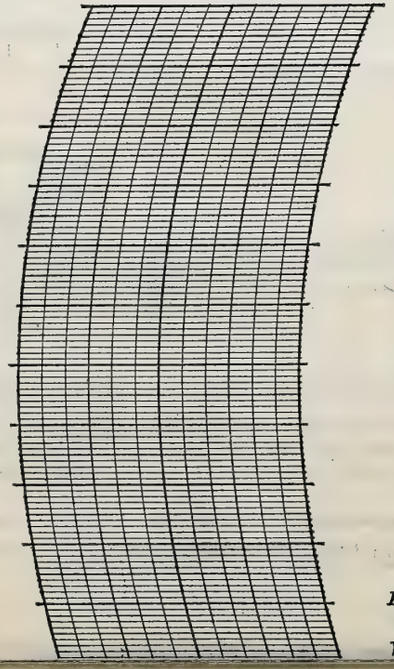
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.0 Wet temperature, 33.5
Dew-point, 25 R. humidity, 56 V. pressure, 1.30
Clouds: Amount, 10; Kind, Stcu; Direction, NW
Velocity of clouds (miles per hour)

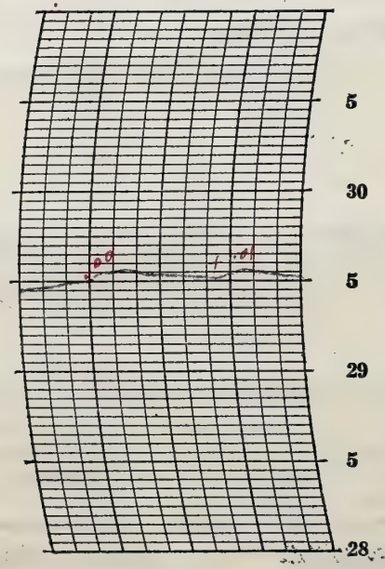
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H.

NOTES

A cloudy day followed by a clear night. Visibity very poor from 4:00 P.M. until 7:30 P.M.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 22 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	29	29	30	29	29	28	33	38	41	43	44	46	48	48	47	46	46	45	45	44	44	44	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →												← Pt Cldy →			← Cloudy →			← Pt Cloudy →					
Sunshine (in tenths of hours)						.02 0	1.0 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.1	0							
Wind direction	O	S	O	SW	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SE
Wind movement	0	2	0	2	1	1	3	6	7	8	8	7	8	6	7	6	4	3	3	4	3	4	4	3
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6.00 Character, Clear

Moonrise:

Sunset: Time, 4:51 Character, Cloudy

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
48	28	38	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Part Cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 8.8 Possible sunshine, hours, 10.8

Per cent of possible sunshine, 8.1

Prevailing wind direction, S Total wind, 100

Average hourly velocity, 4.2 Extreme velocity, 10

Maximum velocity, 10 Direction, N W

Time began, 9:45 A.M.

Reduced barometer, 30.50 7 a. m. 30.30 7 p. m.

River gage, -0.2 Feet

Relative humidity, 77 7 a. m. 47 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

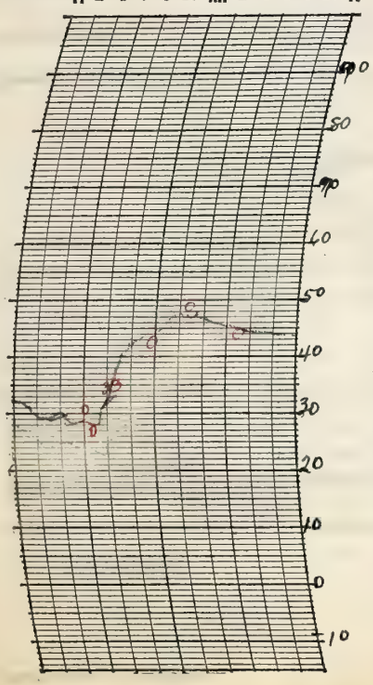
Dry temperature, 44.3 Wet temperature, 36.8

Dew-point, 26 R. humidity, 47 V. pressure, .136

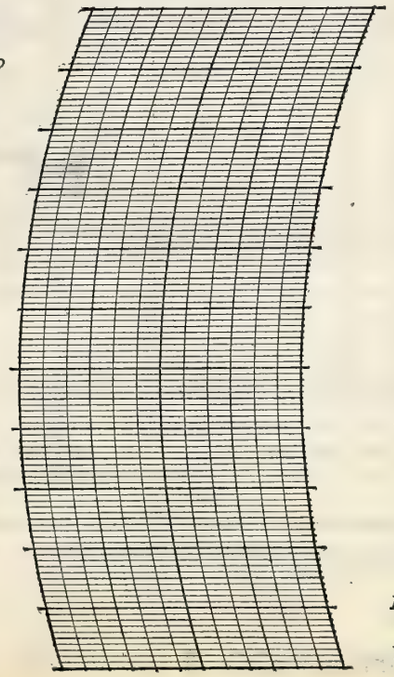
Clouds: Amount, 3; Kind, Ci; Direction, S

Velocity of clouds (miles per hour)

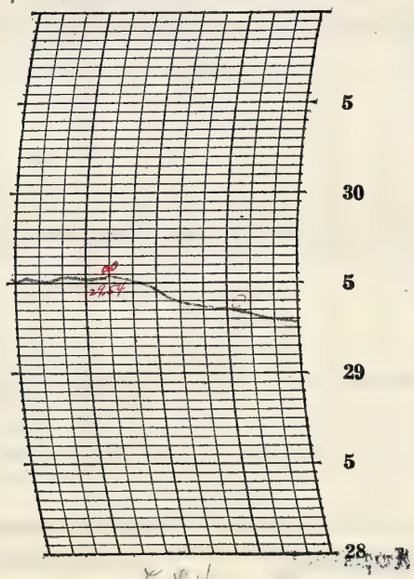
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.S.H.

Verified by E.S.H.

8—486

NOTES

Clear till one p.m. then partly cloudy to cloudy. Lt. Haze and slow visibility from 4 to 6 P.M. Partly cloudy at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) OCT 23 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	43	43	43	42	42	42	42	43	43	44
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					Cloudy							
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SE	SE	S	S	S	S	S	S	S	S	SW	SW
Wind movement	3	3	2	1	1	2	3	5	7	6	5	5

Sunrise: Time, 6:02 Character, Cloudy. Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	46	46	46	46	43	42	43	42	42	40	39
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0.1	0	0							
Wind direction	SW	W	NW	W	W	W	W	W	W	W	W	W
Wind movement	7	5	6	6	7	5	6	5	6	5	4	4

Sunset: Time, 4:49 Character, Cloudy. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	39	42	

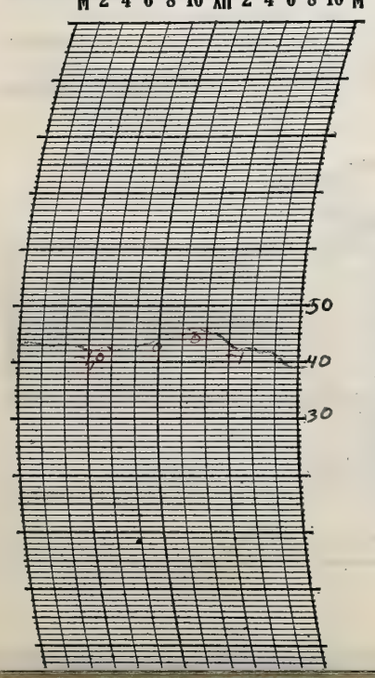
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 1%
Prevailing wind direction, West Total wind, 109
Average hourly velocity, 4.5 Extreme velocity, 9
Maximum velocity, 9 Direction, S
Time began, 8:45 A
Reduced barometer, 30.15 7 a. m. 30.03 7 p. m.
River gage, -0.5 feet
Relative humidity, 62 7 a. m. 66 7 p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	10:35p	cont.	0.84	10:44p	11:03p	0.02	.10	.27	.59	.71										

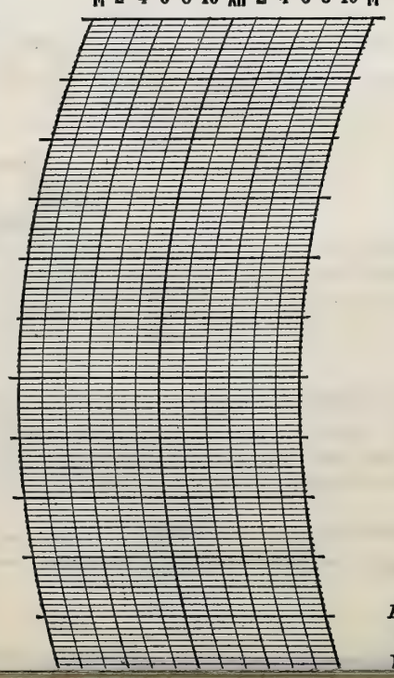
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 44.3 Wet temperature, 38.8
Dew-point, 31 R. humidity, 61 V. pressure, .172
Clouds: Amount, 10; Kind, Stcu; Direction, SW
Velocity of clouds (miles per hour)

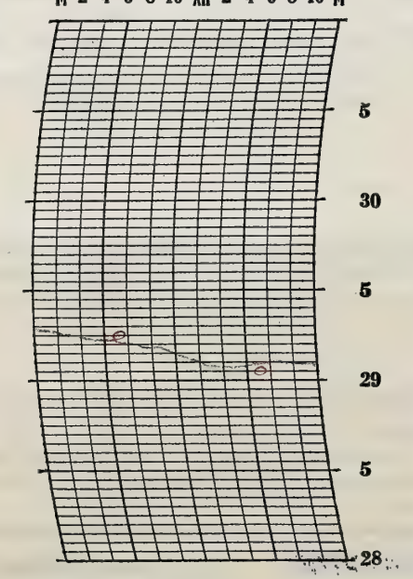
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H

Verified by E.L.H

NOTES

Low ceilings and poor visibility until 12:00 noon - Ceilings lifting somewhat after noon but generally poor flying condition. Clear after 7:00 P.M.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 24 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	40	39	38	37	39	42	45	45	45	46	47	47	47	45	42	40	39	37	35	34	33
State of weather: Nature of precipitation and time of beginning and ending									S^m B 8:45 S^m E 8:47					R B 1:30 R E 1:32										
Amounts of precipitation									T					T										
Cloudiness and other conditions							Partly Cloudy							Cloudy							Partly Cloudy			
Sunshine (in tenths of hours)							.95 0	.03 0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	N	N	
Wind movement	6	6	7	6	5	3	4	5	5	8	9	8	11	14	11	13	15	11	12	11	10	7	[illegible]	[illegible]

Sunrise: Time, 6:03 Character, Clear
Moonrise:
Sunset: Time, 4:48 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

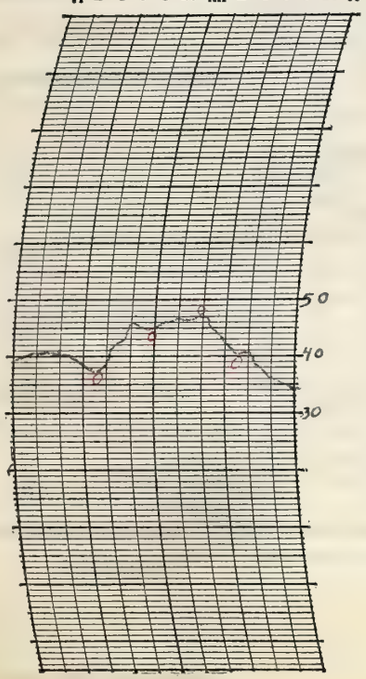
Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	33	40	

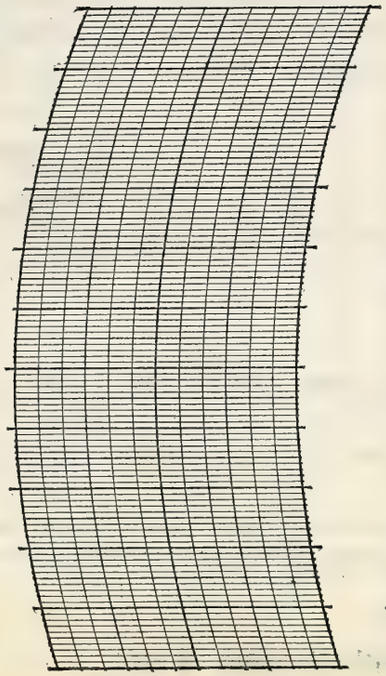
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 1.2 Possible sunshine, hours, 10.8
Per cent of possible sunshine, 11 0/0
Prevailing wind direction, W Total wind, 201
Average hourly velocity, 8.4 Extreme velocity, 19
Maximum velocity, 16 Direction, W
Time began, 3:39 P.M.
Reduced barometer, 30.04 7 a. m. 30.08 7 p. m.
River gage, -0.5 feet
Relative humidity, 81 7 a. m. 61 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 45.1 Wet temperature, 39.1
Dew-point, 31 R. humidity, 58 V. pressure, .172
Clouds: Amount, 10; Kind, St-Cu; Direction, W
Velocity of clouds (miles per hour)

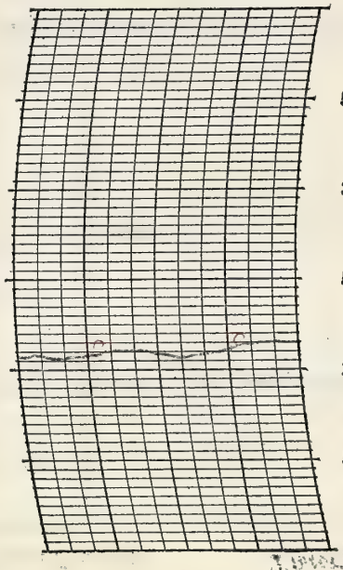
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.
Verified by E.L.H.

8—486

NOTES

A mostly cloudy threatening day, a few flakes of snow occurred between 8:45 A. & 8:47 A. and a few drops of rain fell at 1:30 P.M.
Poor flying conditions.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 25 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	31	31	30	31	33	36	38	40	41	44	44	45	46	43	42	42	41	39	38	37	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)							.93 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	.77 0							
Wind direction	N	NW	NW	NW	N	N	N	NE	NE	NE	NE	NE	NE	NE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	6	5	4	6	6	5	5	7	7	6	4	5	5	4	3	3	5	5	6	5	6	6	6	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:04 Character, Clear
Moonrise:
Sunset: Time, 4:46 Character, Clear
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

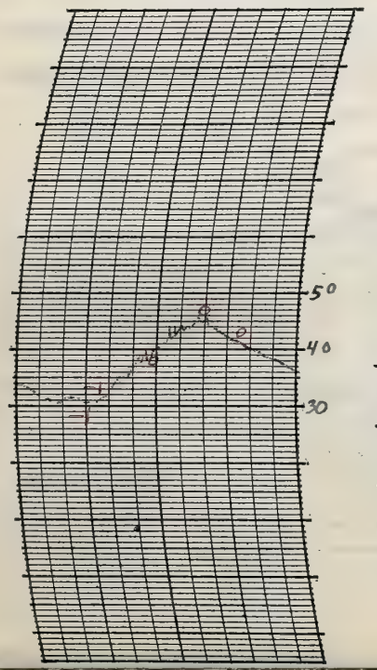
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	30	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 2
Actual sunshine, hours, 10.7 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 100
Prevailing wind direction, SE Total wind, 127
Average hourly velocity, 5.3 Extreme velocity, 9
Maximum velocity, 9 Direction, SE
Time began, 11:30 P.M.
Reduced barometer, 30.21 7 a. m. 30.15 7 p. m.
River gage, +0.1 feet
Relative humidity, 69 7 a. m. 48 7 p. m.

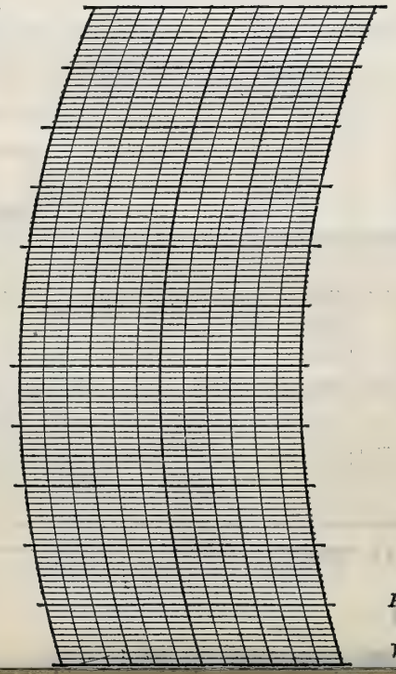
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 41.0 Wet temperature, 34.5
Dew-point, 25 R. humidity, 50 V. pressure, .130
Clouds: Amount, 1; Kind, Ci; Direction, NE
Velocity of clouds (miles per hour)

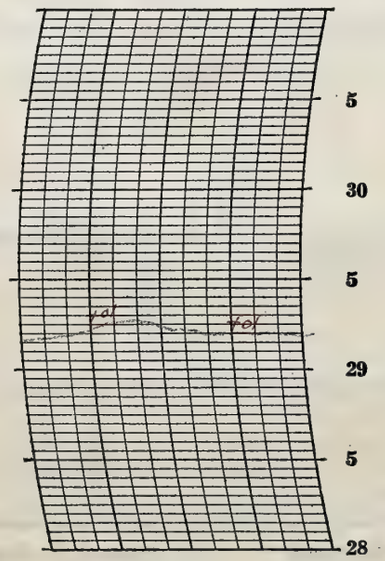
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H.

NOTES

a mostly clear day - some broken clouds - cool but pleasant day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 26 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	34	33	33	33	32	33	37	43	46	50	54	54	56	58	59	56	53	51	49	47	46	47	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy →				← Clear													
Sunshine (in tenths of hours)							.92 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	.75 0						
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	SE	SE	SE	SE	S	S	S	S
Wind movement	6	5	6	6	7	7	7	9	10	11	11	10	12	14	14	12	12	7	8	10	9	8	9	8

Sunrise: Time, 6:05 Character, Clear
Moonrise:
Sunset: Time, 4:45 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

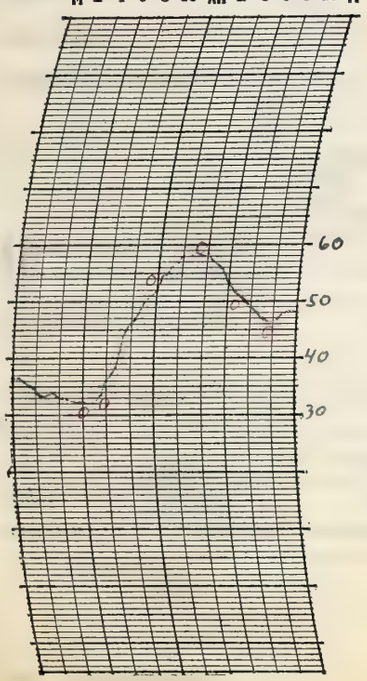
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	32	46	

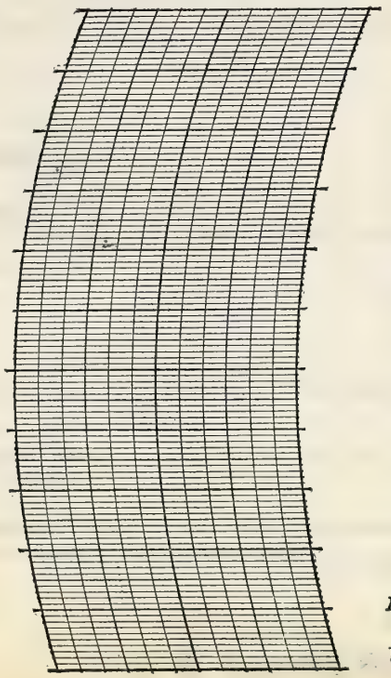
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 10.7 Possible sunshine, hours, 10.7
Per cent of possible sunshine, 100
Prevailing wind direction, S 15 E Total wind, 218
Average hourly velocity, 9.1 Extreme velocity, 16
Maximum velocity, 16 Direction, S
Time began, 2:30 P.M. —
Reduced barometer, 30.16 7 a. m. 29.96 7 p. m.
River gage, -0.5 feet
Relative humidity, 61 7 a. m. 40 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)
Dry temperature, 54.2 Wet temperature, 41.2
Dew-point, 23 R. humidity, 28 V. pressure, .118
Clouds: Amount, 3; Kind, Ci; Direction, N
Velocity of clouds (miles per hour)

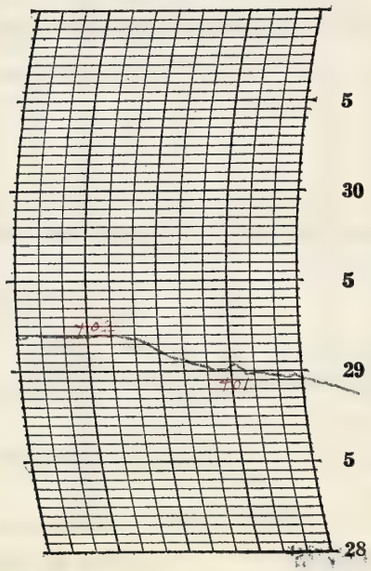
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H.

Verified by E.L.H

8—486

NOTES

Sun shone though upper clouds in early morning. mostly clear after 10:00 am, some very high cirrus clouds. Beautiful, moderate day.
Lunar halo 22° observed 5:45 am

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 27 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	[illegible]	49	50	50	50	52	53	54	54	52	51
State of weather: Nature of precipitation and time of beginning and ending							RB 6:30 RE 6:40				RB 10:55	RB 11:50 RE 11:55
Amounts of precipitation							T				.01	.02
Cloudiness and other conditions												Cloudy
Sunrise: Time, 6:06 Character, Cloudy												
Moonrise:												
Sunshine (in tenths of hours)						0	0	0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	8	9	9	9	9	9	8	10	11	11	13	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	52	54	55	54	53	53	52	52	52	52	51
State of weather: Nature of precipitation and time of beginning and ending	RE 12:14					RB 5:50		RE 7:30				
Amounts of precipitation	.02					T	.14	.01				
Cloudiness and other conditions									Mostly Clear			
Sunset: Time, 4:44 Character, Cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	SW	SW	SW	S	S	SW	SW	SW	W	W	SW
Wind movement	13	12	11	11	11	11	7	6	6	8	6	4

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
55	48	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .18 ins.
Total precipitation, midnight to midnight, .20 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.6
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 223
Average hourly velocity, 9.3 Extreme velocity, 16
Maximum velocity, 15 Direction, S
Time began, 12:40 pm
Reduced barometer, 29.79 7 a. m. 29.75 7 p. m.
River gage, +0.3 feet
Relative humidity, 63 7 a. m. 97 7 p. m.

Maximum velocities (exceeding 24 miles) direction and time.

Excessive precipitation, accumulated amounts

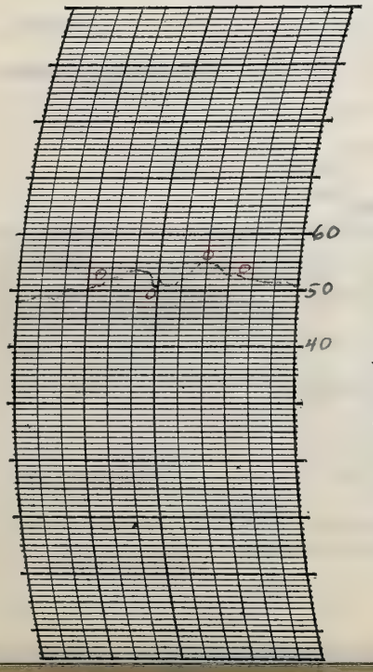
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

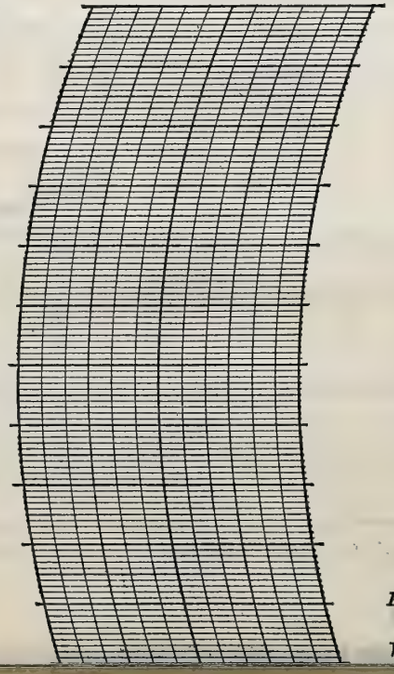
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 51.3 Wet temperature, 48.8
Dew-point, 46 R. humidity, 84 V. pressure, .310
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

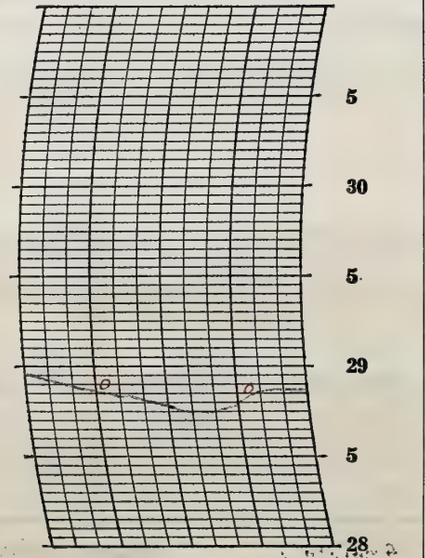
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.H. & CJ

Verified by E.L.H.

NOTES

The rain that occurred at 6:30 am made streets very slippery from 6:32 am until 6:50 am. Thunder was first heard at 5:30 am and it began again at 6:20 am. A cloudy threatening day with occasional showers. Mostly clear after 7:00 pm.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 28 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	49	49	50	48	47	46	48	52	57	60	64	64	65	62	58	54	52	51	48	46	44	43	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← clear																		
Sunshine (in tenths of hours)							0.8 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	0.9	0.2	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	W	W	NW	W	W	W	W	W	W	W
Wind movement	6	8	7	7	7	7	9	9	10	8	11	13	14	14	15	14	13	10	13	13	12	11	10	8

Sunrise: Time, 6:02 Character, clear

Moonrise:

Sunset: Time, 4:42 Character,

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
65	41	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, part cloudy Moon phase,

Average daily cloudiness (0-10), 5

Actual sunshine, hours, 8.0 Possible sunshine, hours, 10.6

Per cent of possible sunshine, 75

Prevailing wind direction, SW Total wind, 249

Average hourly velocity, 10.4 Extreme velocity, 22

Maximum velocity, 21 Direction, W

Time began, 6:48 p.m.

Reduced barometer, 29.85 7 a. m. 29.81 7 p. m.

River gage, 0.3 feet

Relative humidity, 91 7 a. m. 66 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

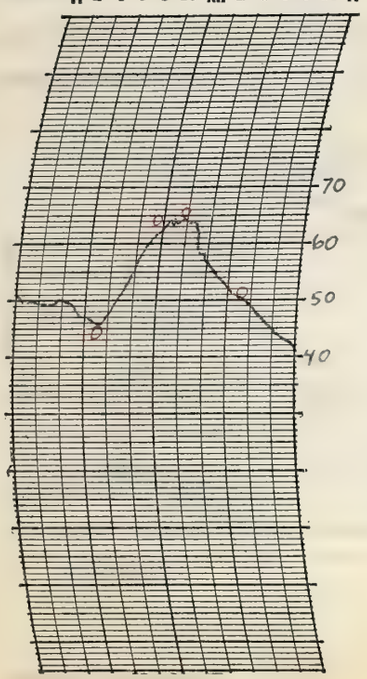
Dry temperature, 63.5 Wet temperature, 51.5

Dew-point, 40 R. humidity, 42 V. pressure, .247

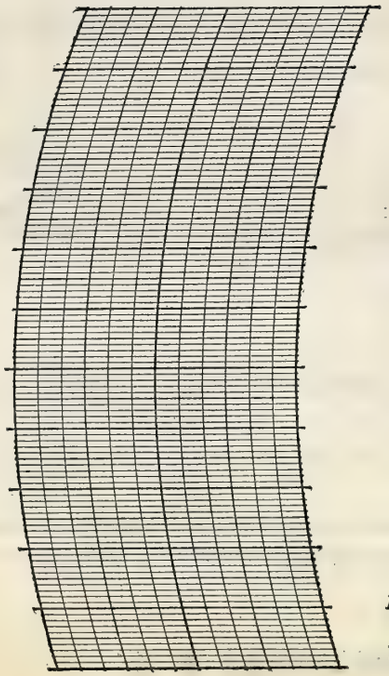
Clouds: Amount, 3; Kind, cirr.; Direction, W

Velocity of clouds (miles per hour)

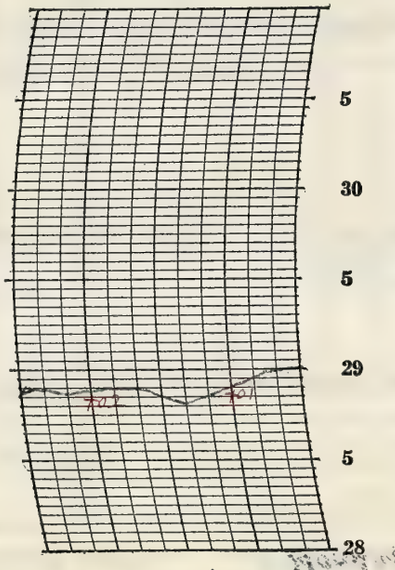
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.

Verified by E.L.A.

8—486

NOTES

A clear morning followed by a partly cloudy to cloudy afternoon. Cumulus clouds moved in from the northwest at 2:00pm and continued to pass over the station until about 5:00pm. Mostly clear after 5:00pm. Good flying conditions.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 29 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	38	37	36	35	34	33	37	41	46	47	49	50	52	51	50	48	47	46	44	42	41	40	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			clear								×	Pcldy	×	cloudy				→
Sunshine (in tenths of hours)							0.85 0	0.6 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	W	W	W	W	SW	W	NW	N	N	N	N
Wind movement	8	8	8	8	7	7	7	7	7	11	13	14	14	12	10	9	6	5	6	8	6	4	5	3

Sunrise: Time, 6:09; Character, clear. Moonrise:

Sunset: Time, 4:41; Character, cloudy. Moonset:

Maximum velocities (exceeding 24 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	33	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 9.4 Possible sunshine, hours, 10.5

Per cent of possible sunshine, 90

Prevailing wind direction, SW Total wind, 193

Average hourly velocity, 8.0 Extreme velocity, 22

Maximum velocity, 21 Direction, SW

Time began, 11:12 pm.

Reduced barometer, 30.02 7 a. m. 30.01 7 p. m.

River gage, 0.1 feet

Relative humidity, 76 7 a. m. 45 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

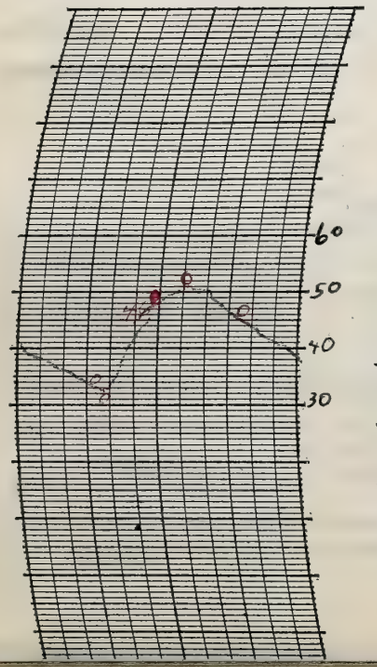
Dry temperature, 48.8 Wet temperature, 38.8

Dew-point, 25 R. humidity, 37 V. pressure, 1.30

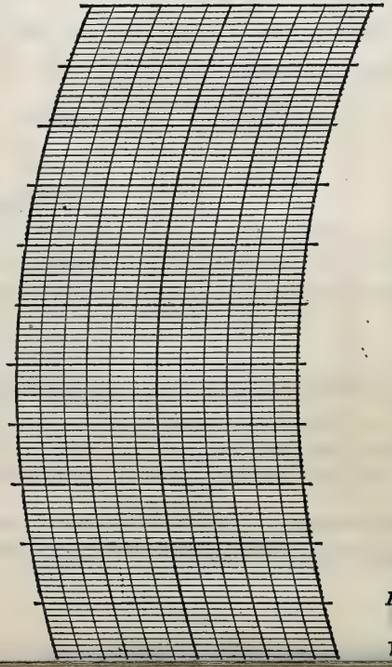
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

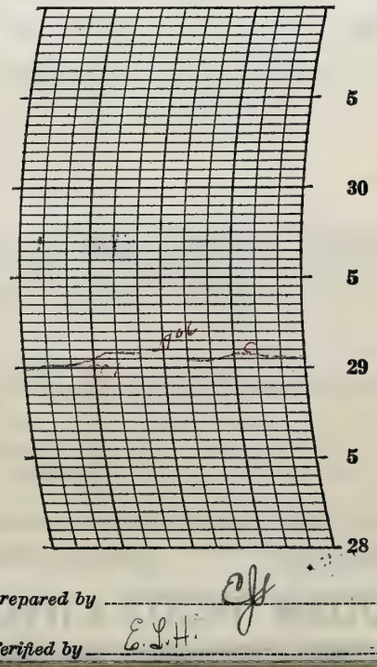
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E.L.H.

NOTES

A matly clear, moderate, beautiful day. Matly cloudy at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 30 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	37	35	35	36	37	40	41	40	38	39	39	39	40	40	40	39	38	38	38	37	36
State of weather: Nature of precipitation and time of beginning and ending							RB 6:10 RE 6:30 SM 6:20 SN E 6:35			RB 9:10 RE 9:32														
Amounts of precipitation							T			T														
Cloudiness and other conditions						←					Cloudy												→	
Sunrise: Time, Character,	6:10 cloudy																				Sunset: Time, Character,	4:40 cloudy		
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0.2	0.5	0	0	0	0	0	0	0							
Wind direction	N	NE	E	NE	N	N	N	N	N	N	N	NW	N	NW	NW	N	N	W	W	W	W	NW	W	NW
Wind movement	4	4	7	6	6	6	9	10	8	12	11	14	9	11	12	5	4	5	5	6	6	7	7	9
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

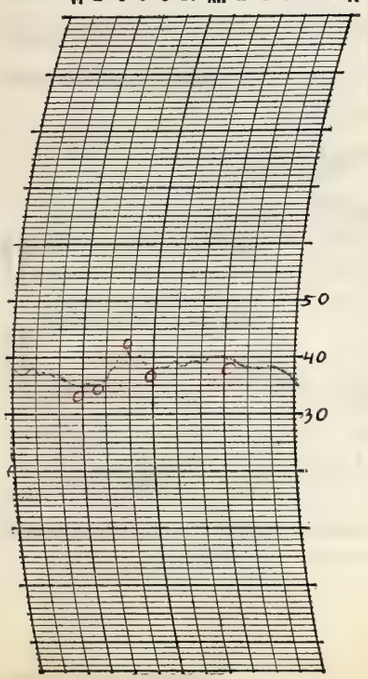
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	35	38	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.7 Possible sunshine, hours, 10.5
Per cent of possible sunshine, 7
Prevailing wind direction, N Total wind, 183
Average hourly velocity, 7.6 Extreme velocity, 16
Maximum velocity, 16 Direction, NW
Time began, 2:08 pm
Reduced barometer, 29.95 7 a. m. 30.08 7 p. m.
River gage, .1 feet
Relative humidity, 91 7 a. m. 83 7 p. m.

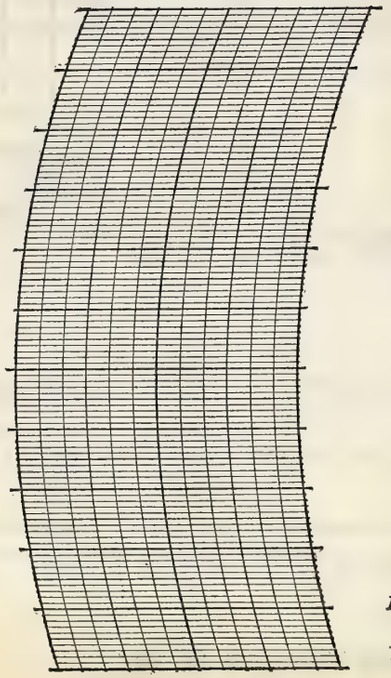
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 37.8 Wet temperature, 36.5
Dew-point, 34 R. humidity, 89 V. pressure, .195
Clouds: Amount, 10; Kind, st; Direction, NW
Velocity of clouds (miles per hour)

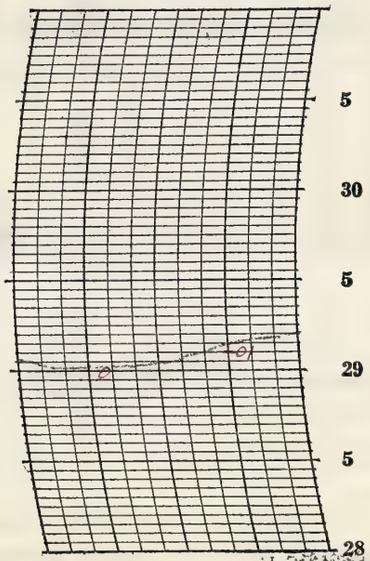
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.S.H.

8—486

NOTES

A cloudy threatening day, a few snow flakes fell in the early morning, but melted as they fell. Several light showers also occurred. Cloudy at night - moderate ceilings and visibility all day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind.; (Day of week) Friday, (Date) OCT 31 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	33	33	32	32	33	35	37	38	39	40
Nature of precipitation and time of beginning and ending												SMB 11:16 SME 11:30
Amounts of precipitation												T
Cloudiness and other conditions					part cloudy					X clr		X
Sunrise: Time, 6:11 Character, clear												
Moonrise:												
Sunshine (in tenths of hours)							0.82 0	0.5 0.4	0.6	0.4	0	0.1
Wind direction	NW	W	W	W	W	W	W	W	W	NW	W	W
Wind movement	6	5	8	8	7	7	7	9	10	14	13	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	36	37	36	35	35	34	35	33	31	30
Nature of precipitation and time of beginning and ending		SMB 1:40 SME 1:47	SMB 2:15 SME 2:55									
Amounts of precipitation		T	.02									
Cloudiness and other conditions	X	cloudy				X	part cloudy					
Sunset: Time, 4:38 Character, cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0.1	0	0							
Wind direction	W	W	W	W	NW	NW	W	W	W	SW	SW	SW
Wind movement	13	11	14	14	10	9	8	6	7	6	5	6

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

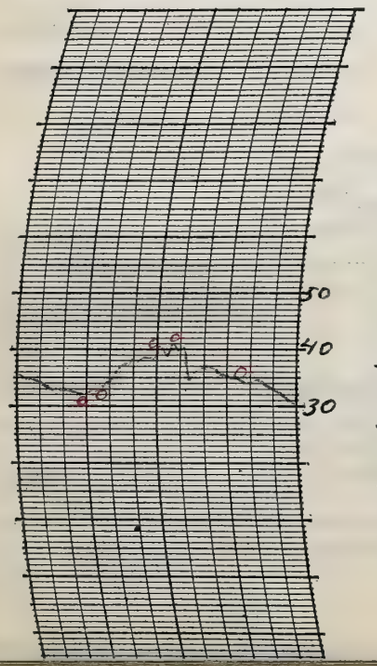
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	30	36	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.9 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 28
Prevailing wind direction, W Total wind, 214
Average hourly velocity, 8.9 Extreme velocity, 25
Maximum velocity, 24 Direction, W
Time began, 2:12 pm.
Reduced barometer, 30.28 7 a. m. 30.46 7 p. m.
River gage, 0.3 feet
Relative humidity, 90 7 a. m. 91 7 p. m.

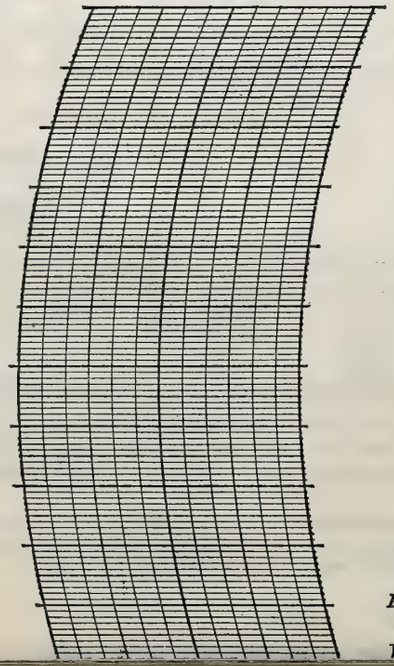
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 39.8 Wet temperature, 35.8
Dew-point, 31 R. humidity, 68 V. pressure, .171 in
Clouds: Amount, 3 3; Kind, cu cu; Direction, NW
Velocity of clouds (miles per hour)

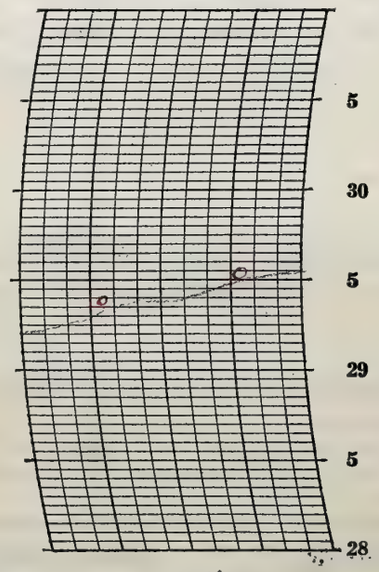
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E.H.H.

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 1 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	29	28	28	27	28	29	34	37	40	42	43	43	44	45	43	41	39	38	36	36	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← cloudy												clear								part cloudy →			
Sunshine (in tenths of hours)							0	0	0.5	1.0	1.0	1.0	1.0	0.8	0.2	0.4	0							
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SE	S	S	S	S	S	S
Wind movement	5	5	5	2	5	4	4	4	5	6	7	7	7	8	8	8	8	6	8	8	10	10	11	8

Sunrise: Time, 6:12 Character, cloudy
Moonrise: ____ ____
Sunset: Time, 4:32 Character, cloudy
Moonset: ____ ____

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

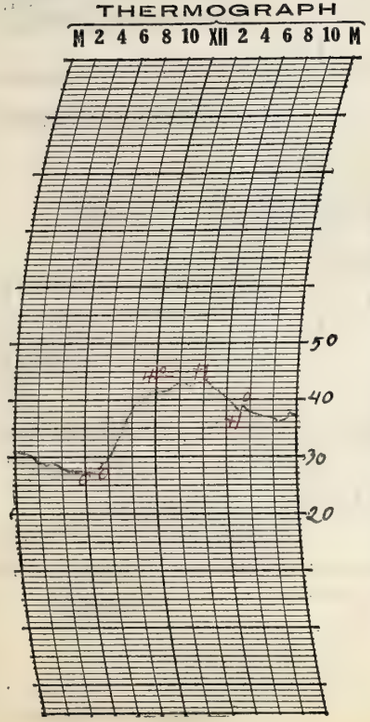
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
45	27	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, part cloudy Moon phase, ____
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 5.9 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 57
Prevailing wind direction, SW Total wind, 159
Average hourly velocity, 6.6 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 10:48 p.m.
Reduced barometer, 30.61 7 a. m. 30.46 7 p. m.
River gage, 10.9 feet
Relative humidity, 77 7 a. m. 52 7 p. m.

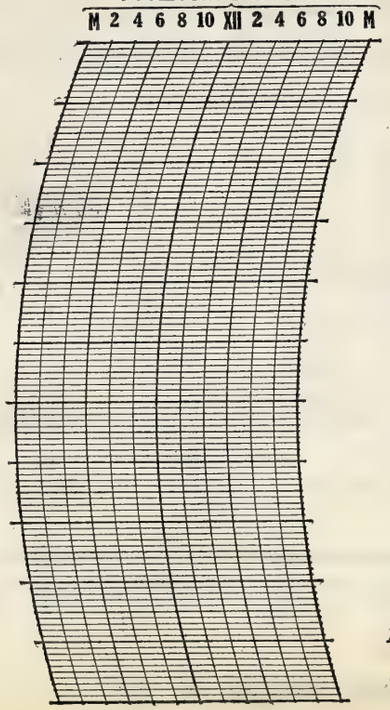
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 42.0 Wet temperature, 35.0
Dew-point, 25 R. humidity, 48 V. pressure, .130
Clouds: Amount, 2; Kind, cu.; Direction, SW
Velocity of clouds (miles per hour) ____

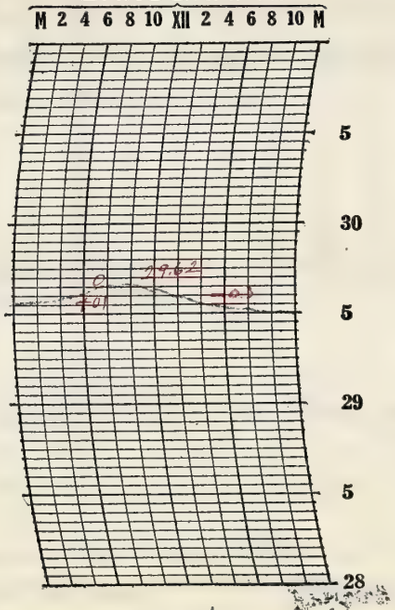
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.L.A.

8—486

NOTES

A cold, cloudy day followed by a moderate partly cloudy day. Good flying conditions.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 2 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	37	38	39	39	39	39	40	40	41	40	38
State of weather. Nature of precipitation and time of beginning and ending									UB 8:36 UE 8:36 RB 8:36			RE 11:50 UB 11:50
Amounts of precipitation									T	T	.01	.02
Cloudiness and other conditions												
Sunrise: Time, Character,	6.13 cloudy											
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	S	S	S	SE	S	S	S	S	S	S	S	S
Wind movement	9	11	12	11	12	12	13	12	12	10	11	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	38	39	39	39	39	40	40	40	40	40
State of weather. Nature of precipitation and time of beginning and ending	UE 12.05 RB 12.05				RE 4.45							
Amounts of precipitation	0.1	T	T	T	01							
Cloudiness and other conditions	cloudy											
Sunset: Time, Character,									4:36 cloudy			
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	11	11	11	10	8	6	5	4	4	3	2	2

Maximum velocities (exceeding 24 miles) direction and time.

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

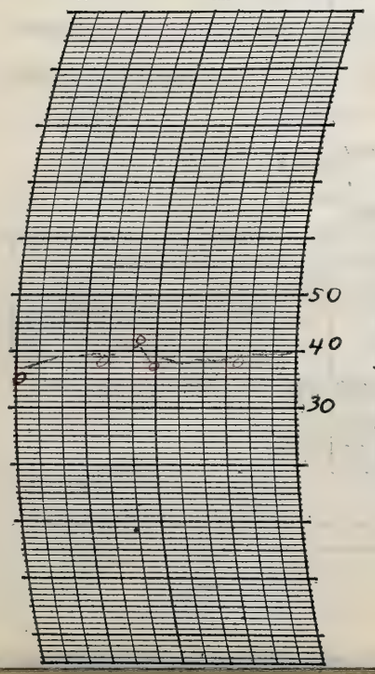
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	36	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 10.4
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 213
Average hourly velocity, 8.9 Extreme velocity, 16
Maximum velocity, 15 Direction, S
Time began, 6:15 am
Reduced barometer, 30.30 7 a. m. 30.21 7 p. m.
River gage, −0.4 feet
Relative humidity, 52 7 a. m. 90 7 p. m.

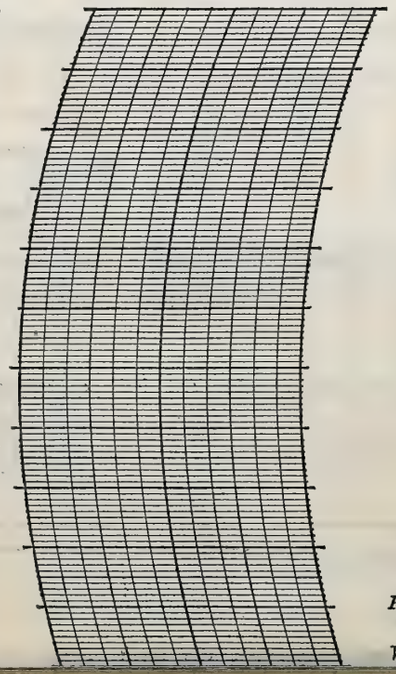
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 38.0 Wet temperature, 36.7
Dew-point, 35 R. humidity, 89 V. pressure, .203
Clouds: Amount, 10; Kind, st cu; Direction, S
Velocity of clouds (miles per hour)

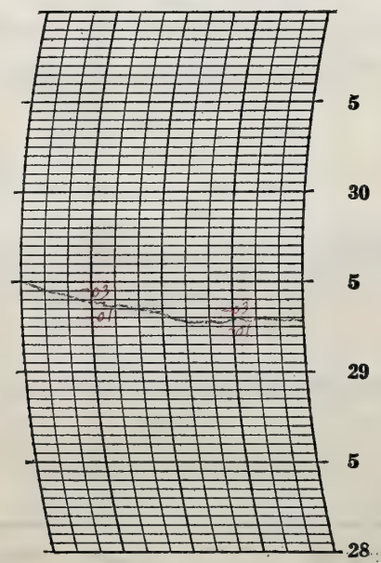
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E. L. H.

NOTES

A cloudy, rainy day. Some very light sleet was mixed in with the rain at times. Due to the rain and the leaves on the streets and sidewalks - driving and even walking was dangerous. Streets and sidewalks very slippery.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 3 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	41	41	40	39	39	40	40	41	42	44	45	46	47	47	47	46	46	45	45	44	44	44	44
State of weather: Nature of precipitation and time of beginning and ending			RB DN2 RE DN2																					
Amounts of precipitation			T																					
Cloudiness and other conditions				?	Light Fog								Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	SE	SE	SE	SE	SE	SE	NE	NE	E	NE	E	NE	NE	E	E	NE	NE	NE	E	E	E	E
Wind movement	3	1	2	2	2	1	2	2	4	4	3	5	3	3	4	3	3	4	5	5	5	5	3	3

Sunrise: Time, 6:15 Character, Cloudy

Moonrise:

Sunset: Time, 4:35 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
47	39	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.3

Per cent of possible sunshine, 0

Prevailing wind direction, NE & E Total wind, 77

Average hourly velocity, 3.2 Extreme velocity, 6

Maximum velocity, 6 Direction, NE

Time began, 6:45 pm.

Reduced barometer, 30.28 7 a. m. 30.32 7 p. m.

River gage, 0.1 feet

Relative humidity, 96 7 a. m. 82 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

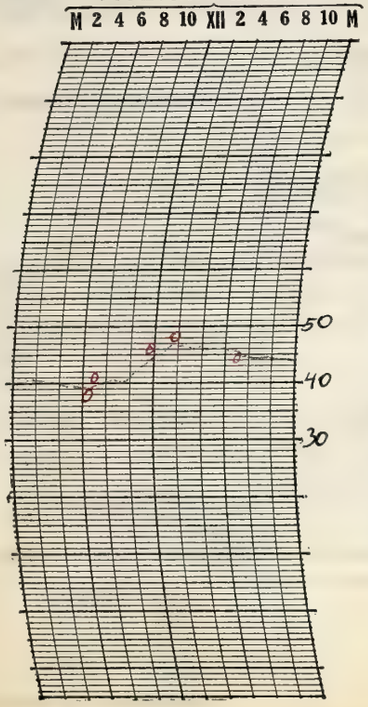
Dry temperature, 45.1 Wet temperature, 42.6

Dew-point, 40 R. humidity, 82 V. pressure, .247

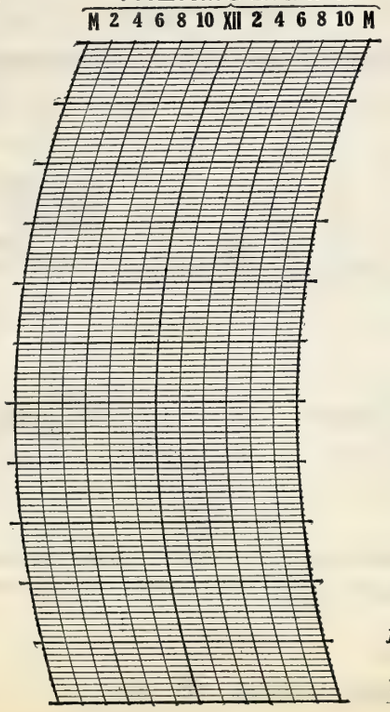
Clouds: Amount, 10; Kind, st; Direction, S

Velocity of clouds (miles per hour)

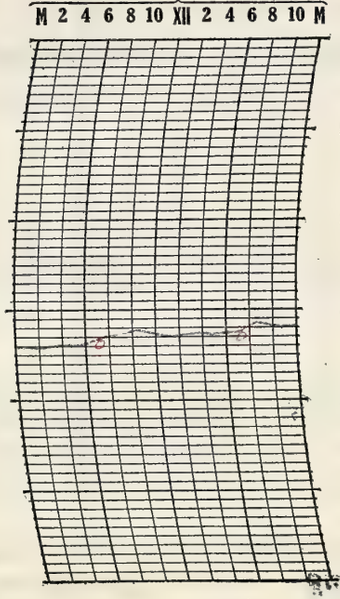
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E.S.H.

8—486

NOTES

Light fog occurred DN2–1030 am; visibility ranged from 220 to 550 yards. Ceilings low, visibility poor all day due to haze. Just a few drops of rain occurred during DN2. Cloudy threatening day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 4 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	43	42	42	41	39	40	40	40	42	44	46	47	48	50	51	49	48	46	43	43	42	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					3 ← cloudy		cloudy →			×	Pt. Cldy	×							clear					→
Sunshine (in tenths of hours)							0	0	0	0	0	0.6	1.0	1.0	1.0	0.7 0.3	0.57 0							
Wind direction	E	E	NE	NE	E	E	E	NE	E	NE	NE	E	NE	NW	N	N	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	5	3	4	3	5	5	3	5	4	3	5	5	5	3	4	5	2	3	1	2	3	4	2
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:16 Character, cloudy
Moonrise:

Sunset: Time, 4:34 Character, clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

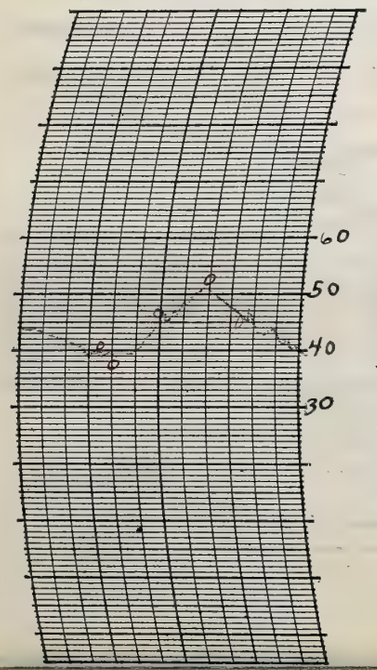
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
51	39	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, part cloudy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, 5.2 Possible sunshine, hours, 10.3
Per cent of possible sunshine, 50
Prevailing wind direction, NW Total wind, 88
Average hourly velocity, 3.7 Extreme velocity, 7
Maximum velocity, 7 Direction, NW
Time began, 1:11 pm.
Reduced barometer, 30.31 7 a. m. 30.13 7 p. m.
River gage, 0.5 feet
Relative humidity, 96 7 a. m. 72 7 p. m.

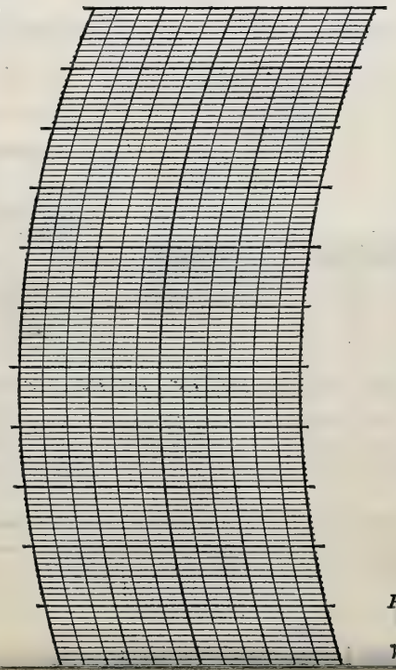
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 46.2 Wet temperature, 42.2
Dew-point, 32 R. humidity, 72 V. pressure, .219
Clouds: Amount, 5; Kind, Cu; Direction, E
Velocity of clouds (miles per hour)

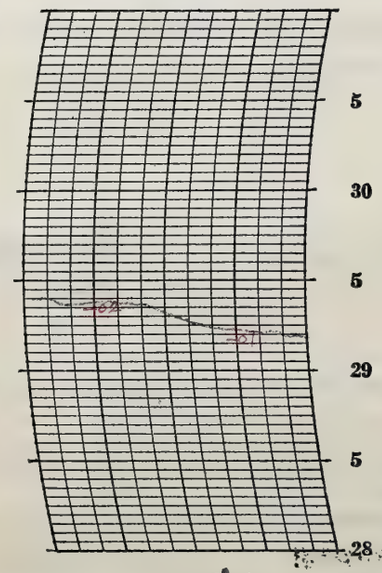
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by E.L.H.

NOTES

Light fog DNa – 9:30 a.m.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 5 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	38	39	37	39	42	42	41	42	41	40
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← part cloudy						
Sunshine (in tenths of hours)							0	0.1 (0.5)	0	0.4	0	0
Wind direction	NW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	3	5	7	6	6	15	13	14	17	19	19	20

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	41	40	38	37	36	34	32	31	31	30	30
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunshine (in tenths of hours)	0	0.3	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	20	19	18	20	18	21	16	13	14	15	14	14

Sunrise: Time, 6:12 Character, cloudy

Moonrise: ——— ———

Sunset: Time, 4:32 Character, cloudy

Moonset: ——— ———

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	30	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, clear Moon phase,

Average daily cloudiness (0-10), 9

Actual sunshine, hours, 1.3 Possible sunshine, hours, 10.2

Per cent of possible sunshine, 13

Prevailing wind direction, NW Total wind, 346

Average hourly velocity, 14.4 Extreme velocity, 26

Maximum velocity, 25 Direction, NW

Time began, 12:46 pm

Reduced barometer, 30.09 7 a. m. 30.30 7 p. m.

River gage, -0.5 feet

Relative humidity, 88 7 a. m. 53 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

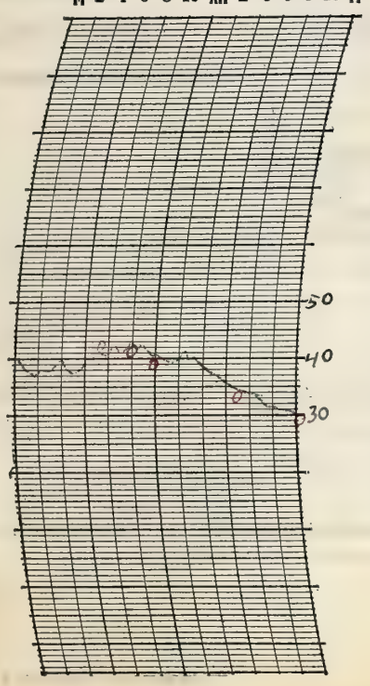
Dry temperature, 40.1 Wet temperature, 36.1

Dew-point, 31 R. humidity, 68 V. pressure, .122

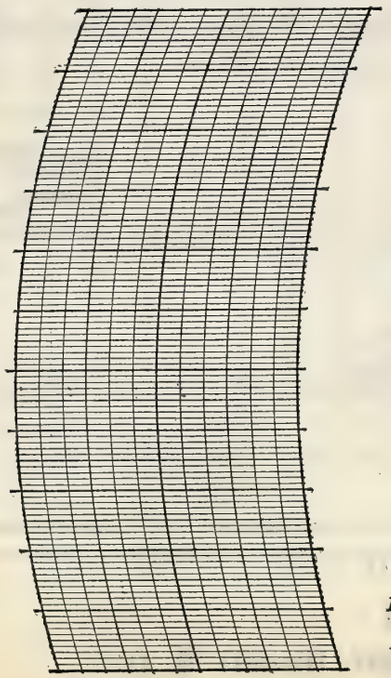
Clouds: Amount, 10; Kind, stcu; Direction, N

Velocity of clouds (miles per hour)

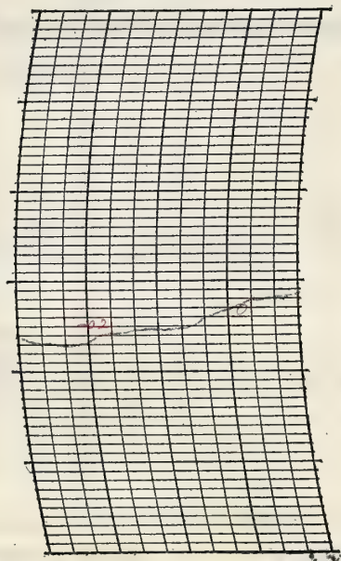
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EH

Verified by E. H.

8—486

NOTES

Sunshine first observed 7:15 am
Very heavy dew in the morning.
A partly cloudy morning followed
by a cloudy afternoon. Moderate
northwest wind in afternoon. Fair
flying conditions

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) NOV 6 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	28	28	28	27	28	29	30	31	33	33	34	34	33	32	31	30	29	28	27	27	27
State of weather: Nature of precipitation and time of beginning and ending										SDB 9.55	SDE 10.05													
Amounts of precipitation										T	T													
Cloudiness and other conditions						←	cloudy				X	part	cloudy						X	clear				→

Sunrise: Time, 6.18 Character, cloudy
Moonrise: ____ ____
Sunset: Time, 4.31 Character, cloudy
Moonset: ____ ____

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)							0	0	0	0	0.5	0.2	0.5	0.2	0.1	0	0							
Wind direction	NW	NW	NW	NW	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	10	11	9	10	8	9	6	7	8	9	11	11	12	12	11	8	4	5	4	4	3	3	1

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

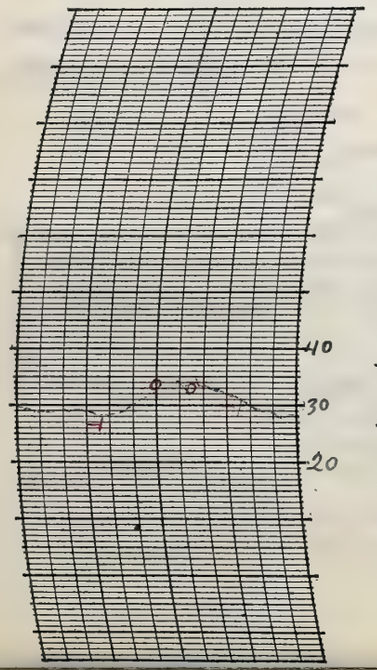
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	27	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, cloudy Moon phase, ____
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 1.5 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 15
Prevailing wind direction, NW Total wind, 189
Average hourly velocity, 7.9 Extreme velocity, 17
Maximum velocity, 16 Direction, NW
Time began, 1:46 pm
Reduced barometer, 30.48 7 a. m. 30.58 7 p. m.
River gage, 0.5 feet
Relative humidity, 65 7 a. m. 62 7 p. m.

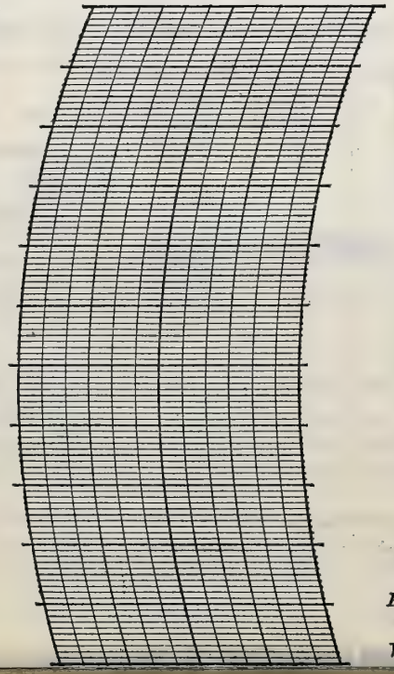
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 32.6 Wet temperature, 28.1
Dew-point, 20 R. humidity, 56 V. pressure, .103
Clouds: Amount, 7; Kind, cu; Direction, NW
Velocity of clouds (miles per hour) ____

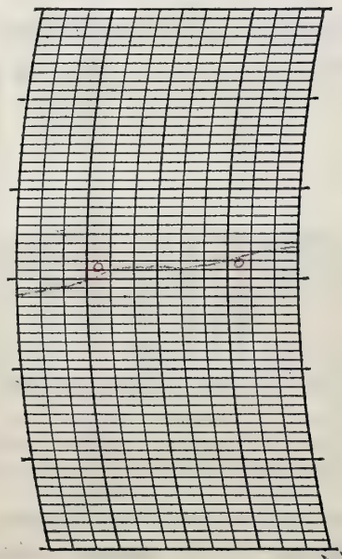
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJH

Verified by E.J.H.

NOTES

A partly cloudy to cloudy day mostly cumulus cloudy - a few flakes of snow fell. Cold day. Good flying conditions.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 7 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	26	24	24	24	24	28	32	34	37	39	40	42	43	43	42	40	38	37	35	35	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					clear													→
Sunshine (in tenths of hours)							0.68 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	0.50 0							
Wind direction	NW	NW	NW	NW	SW	SW	SW	S	S	S	S	S	S	SW	SW	S	S	S	S	S	S	S	S	SW
Wind movement	1	1	2	2	4	2	2	6	8	10	9	8	9	10	10	9	7	8	9	9	10	9	9	8
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:19 Character, clear
Moonrise:

Sunset: Time, 4:30 Character, clear
Moonset:

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

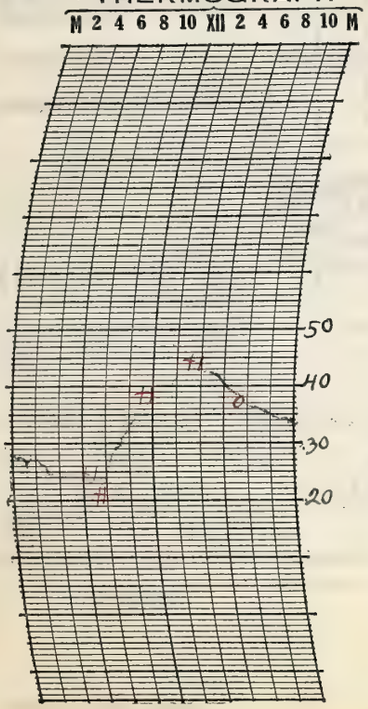
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	24	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 10.2 Possible sunshine, hours, 10.2
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 162
Average hourly velocity, 6.8 Extreme velocity, 13
Maximum velocity, 13 Direction, S
Time began, 12:43 PM
Reduced barometer, 30.21 7 a. m. 30.57 7 p. m.
River gage, -0.2 feet
Relative humidity, 82 7 a. m. 48 7 p. m.

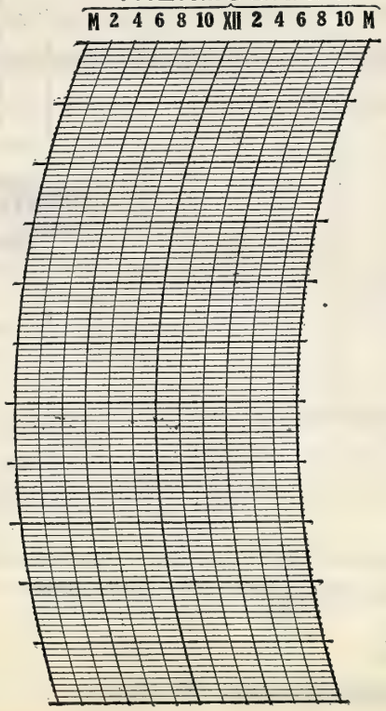
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 39.2 Wet temperature, 31.7
Dew-point, 19 R. humidity, 41 V. pressure, .098
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

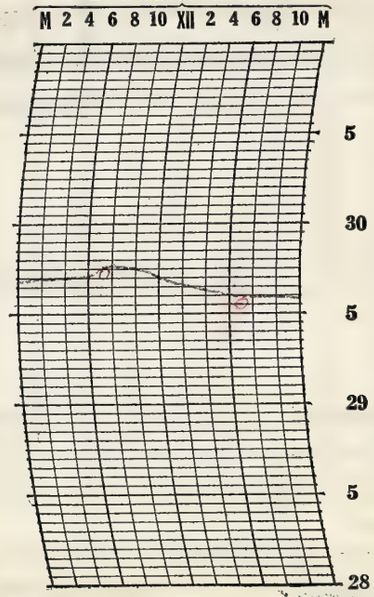
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by E. L. [illegible]

8—486

NOTES

a clear but cold day. Excellent flying conditions. Mostly clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 8 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	31	31	31	32	36	40	46	52	55
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← clear						
Sunrise: Time, Character, 6:21 clear												
Moonrise:												
Sunshine (in tenths of hours)							0.65 0	1.0 0	1.0	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	9	7	7	8	8	8	7	9	12	12	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	59	60	58	55	52	51	50	50	49	48	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunset: Time, Character, 4:29 clear												
Moonset:												
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.5 0.5	0.48 0							
Wind direction	SW	SW	SW	SW	SW	S	S	SW	S	SW	SW	SW
Wind movement	15	13	11	10	8	8	11	12	11	10	9	10

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	30	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, clear Moon phase,

Average daily cloudiness (0-10), 3

Actual sunshine, hours, 10.1 Possible sunshine, hours, 10.1

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 236

Average hourly velocity, 9.8 Extreme velocity, 20

Maximum velocity, 18 Direction, SW

Time began, 1:28 pm

Reduced barometer, 30.52 7 a. m. 30.38 7 p. m.

River gage, -0.2 feet

Relative humidity, 50 7 a. m. 36 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

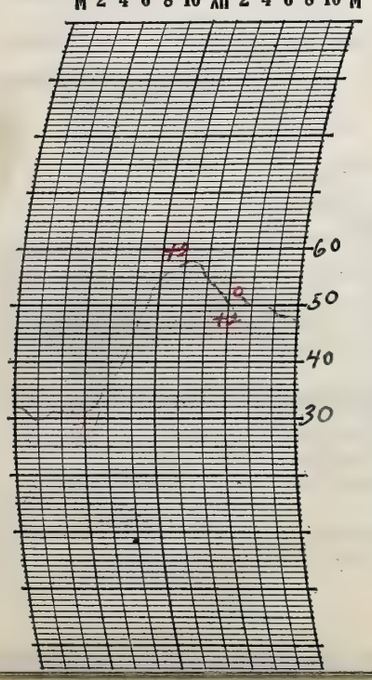
Dry temperature, 54.6 Wet temperature, 40.6

Dew-point, 20 R. humidity, 24 V. pressure, 103

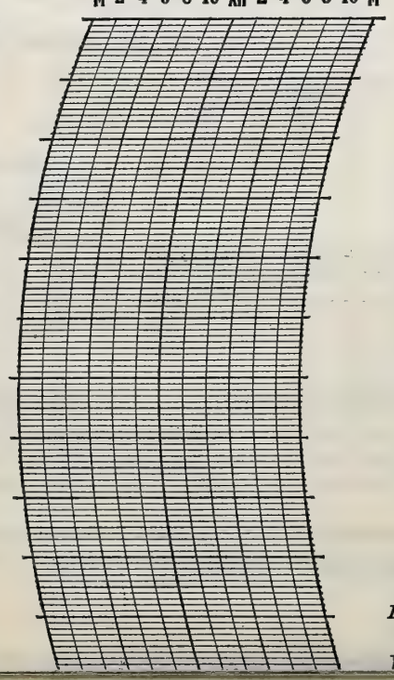
Clouds: Amount, 3; Kind, ci; Direction, NW

Velocity of clouds (miles per hour)

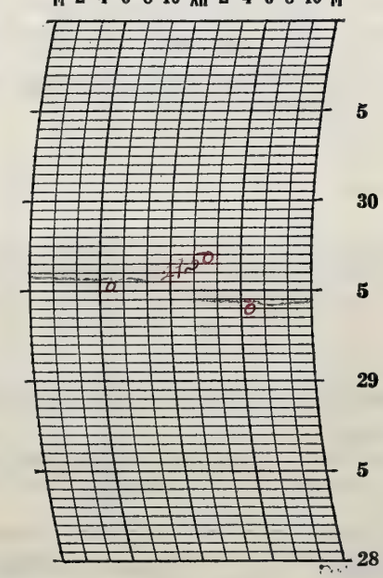
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by JS

Verified by E. L. H.

NOTES

Some high thin cirrus clouds were in the sky all day and into the night. But never more than no. 3 of the sky was covered. Sun shone through clouds. A mild beautiful day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind.; (Day of week) Sunday, (Date) NOV 9 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	43	42	41	40	40	45	52	57	60	61
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					part cloudy							
Sunshine (in tenths of hours)							0.63 0	1.0 0	0.2 0.8	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	9	9	9	9	8	8	8	9	9	12	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	61	60	57	55	54	51	49	48	46	46
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					clear							
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4 0.6	0.47 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	14	13	11	9	5	5	7	6	7	6	8	5

Sunrise: Time, 6:22 Character, clear

Moonrise:

Sunset: Time, 4:28 Character, clear

Moonset:

State of weather.

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	40	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 10.1 Possible sunshine, hours, 10.1

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 205

Average hourly velocity, 8.5 Extreme velocity, 18

Maximum velocity, 17 Direction, SW

Time began, 12:38 pm

Reduced barometer, 30.40 7 a. m. 30.36 7 p. m.

River gage, 10.5 feet

Relative humidity, 68 7 a. m. 38 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

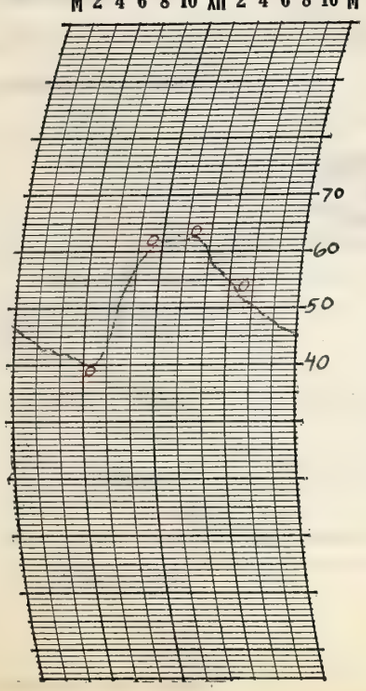
Dry temperature, 61.2 Wet temperature, 48.2

Dew-point, 36 R. humidity, 36 V. pressure, .211

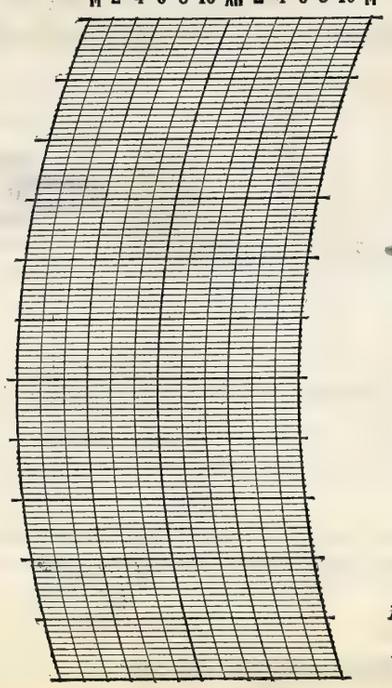
Clouds: Amount, 2; Kind, cirst; Direction, SW.

Velocity of clouds (miles per hour)

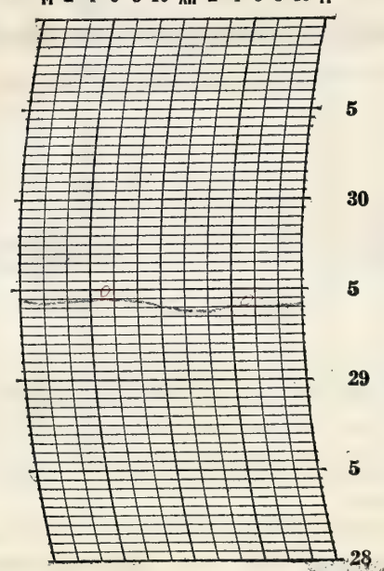
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CH

Verified by E. L. H.

8—486

NOTES

A clear warm beautiful day; excellent day for flying.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 10 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	42	42	41	39	40	43	47	51	53	56	58	60	59	58	57	53	52 RB 6:00	51	50	50	50	49 RF 7:15
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																			.01	.02	T	.02	.01	.01
Cloudiness and other conditions						← clear X				Pt. Cldy X									clouds					→
Sunshine (in tenths of hours)							0.6 0	1.0 0	0.6 0	0.5 0	0.3 0	0.2 0	0	0.2	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	S	SW	E	SE	SE	SE	SE	S	S	SE	SE	SE	SE
Wind movement	4	5	2	3	4	4	5	4	3	4	2	3	1	3	5	6	6	7	7	6	6	7	6	5

Sunrise: Time, 6:23 Character, Clear
Moonrise:
Sunset: Time, 4:27 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

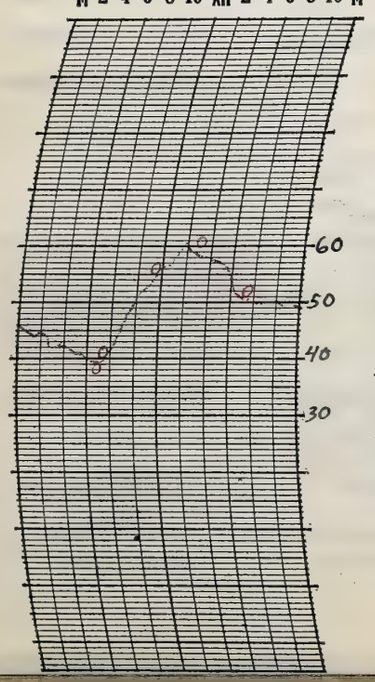
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
60	39	50	

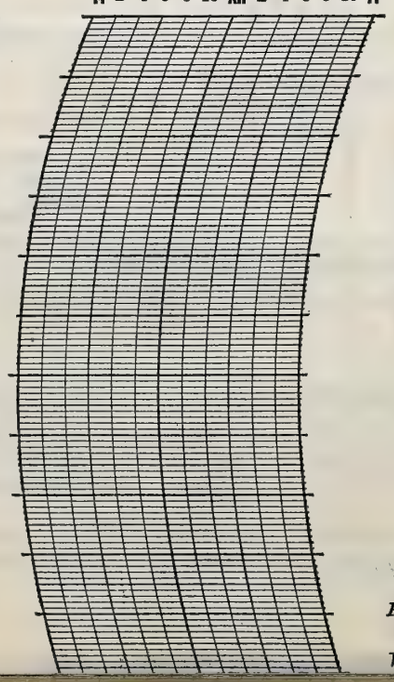
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0.1 ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, part cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.4 Possible sunshine, hours, 10.1
Per cent of possible sunshine, 34
Prevailing wind direction, S Total wind, 108
Average hourly velocity, 4.5 Extreme velocity, 9
Maximum velocity, 9 Direction, SE
Time began, 9:34 pm
Reduced barometer, 30.42 7 a. m. 30.42 7 p. m.
River gage, -0.2 feet
Relative humidity, 72 7 a. m. 94 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 55.7 Wet temperature, 51.2
Dew-point, 48 R. humidity, 74 V. pressure, .334
Clouds: Amount, 8; Kind, Cst; Direction, S
Velocity of clouds (miles per hour)

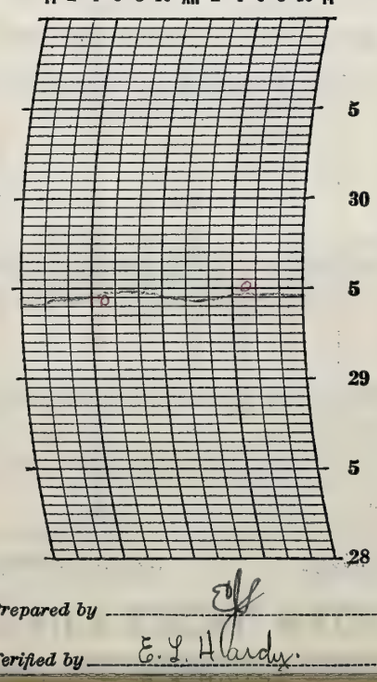
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.L.
Verified by E. L. Hardy.

NOTES

a clear sunrise with sunshine till 8:15 a.m. and at intervals till noon thru upper clouds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 11 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	49	49	49	49	49	49	50	50	50	53
Nature of precipitation and time of beginning and ending											RB 10:35	RE 1:20
Amounts of precipitation											T	T
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	5	6	4	5	4	5	6	8	8	8	7	5

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	56	56	56	56	55	54	53	52	50	51	51
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	SE	SE	SE	SE	SE	SE	S	S	S	S	S
Wind movement	6	5	6	6	5	7	7	6	8	8	6	4

Cloudy

Sunrise: Time, 6:24 Character, Cloudy

Moonrise:

Sunset: Time, 4:26 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
56	49	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .06 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 10.0

Per cent of possible sunshine, 0

Prevailing wind direction, SE Total wind, 143

Average hourly velocity, 6.0 Extreme velocity, 11

Maximum velocity, 11 Direction, SE

Time began, 9:22 a.m.

Reduced barometer, 30.38 a. m. 30.28 p. m.

River gage, +0.5 feet

Relative humidity, 93 a. m. 84 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

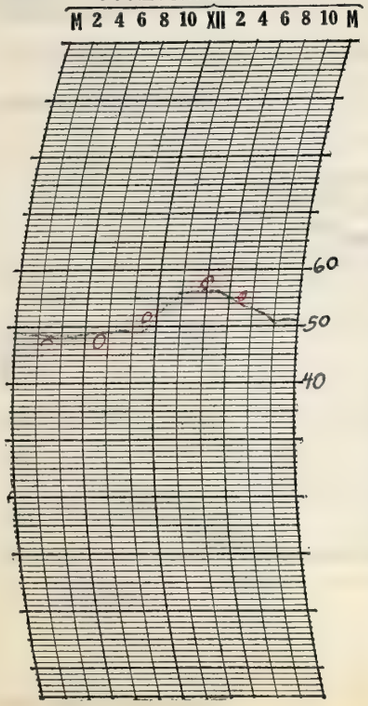
Dry temperature, 52.7 Wet temperature, 50.5

Dew-point, 48 R. humidity, 87 V. pressure, 3.34

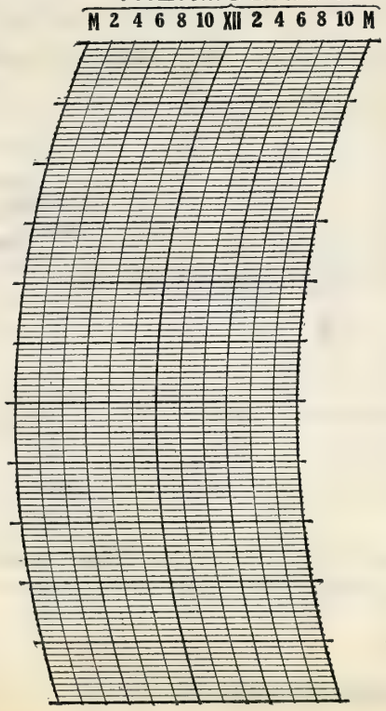
Clouds: Amount, 10; Kind, st; Direction, S

Velocity of clouds (miles per hour)

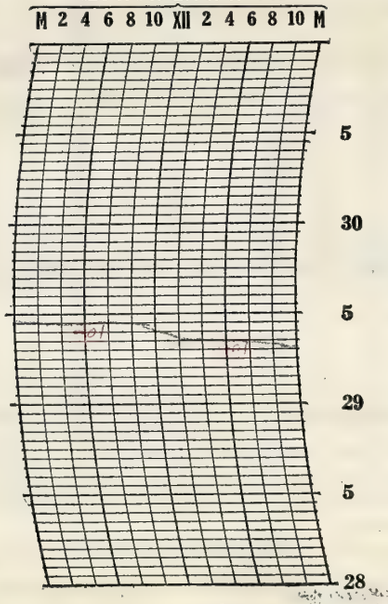
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

8—486

NOTES

A cloudy day with a mist and some rain in the morning. The afternoon was cloudy, but mild and no rain occurred. Conditions favorable for the large crowds that turned out for the parade.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 12 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	51	51	51	51	51	51	51	51	52	54	56	57	58	58	57	55	53	52	50	49	50	50	50
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					← Fog	×	Passed	×	Fog →		cloudy								×	Cloudy	×	← D. Fog	cloudy	
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	S	S	SW	S	SW	S	S	S	SW	SW	S	SW	SW
Wind movement	3	3	3	2	2	2	4	3	4	2	3	6	5	4	7	5	6	6	6	6	5	6	7	6
Maximum velocities (exceeding 2+ miles) direction and time																								

Sunrise: Time, 6:25 Character, cloudy
Moonrise:

Sunset: Time, 4:25 Character, cloudy
Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

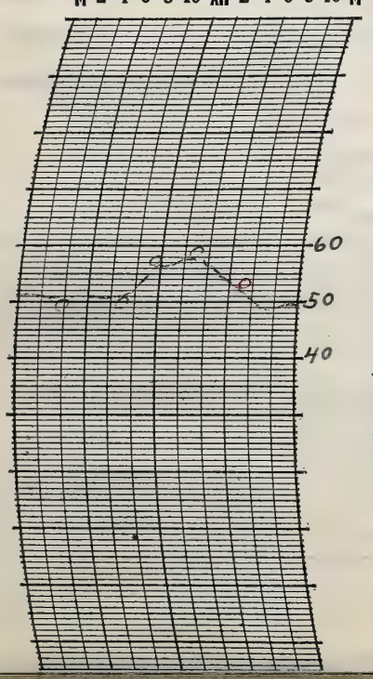
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
58	49	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 106
Average hourly velocity, 4.4 Extreme velocity, 8
Maximum velocity, 8 Direction, S
Time began, 2:47 pm
Reduced barometer, 30.17 7 a. m. 30.06 7 p. m.
River gage, -0.4 feet
Relative humidity, 92 7 a. m. 95 7 p. m.

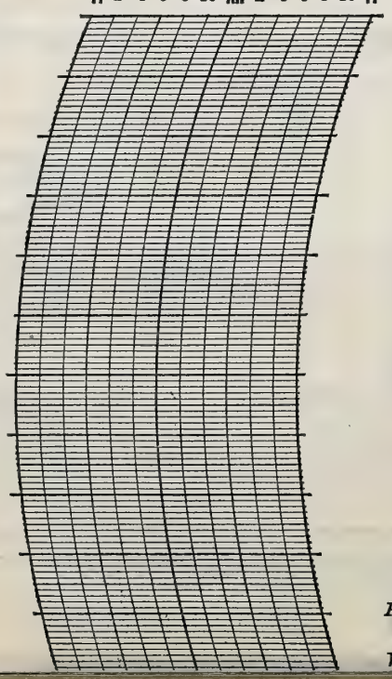
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.1 Wet temperature, 53.1
Dew-point, 51 R. humidity, 82 V. pressure, .373
Clouds: Amount, 4; Kind, St Cu Direction, E
Velocity of clouds (miles per hour)

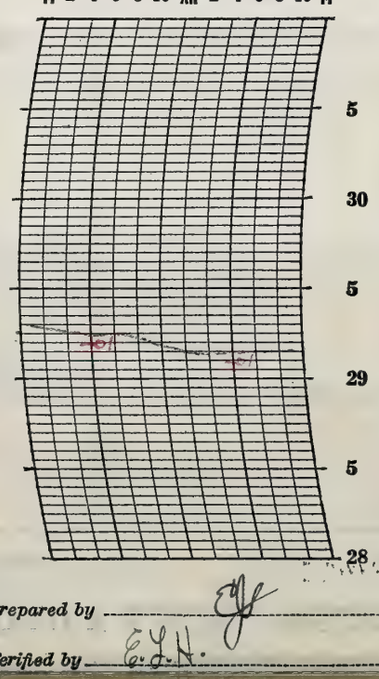
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.J.H.

NOTES

A cloudy day; the fog in the morning was very dense and visibility remained poor until noon. The fog in the evening ranged from light to dense in different sections of the city. It was a ground fog and very dense in the country.

Light fog DN a - 6:30 a
Dense fog 6:30 a - 7:40 a
Light fog 7:40 a - 9:00 a
Dense fog 8:30 p - DN p

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 13 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	47	48	48	48	49	51	55	55	56	58	58	57	56	55	55	54	54	54	55	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← cloudy							← part cloudy							← cloudy				
Sunrise: Time, Character,	6:26 cloudy																							
Moonrise:																								
Sunset: Time, Character,																					4:25 cloudy			
Moonset:																								
Sunshine (in tenths of hours)						0	0	0	0	0.8	0.2	0.3	0.6	0.8	0.8	0.1	0							
Wind direction	SW	S	SW	SW	S	S	S	S	S	S	SW	SW	S	S	S	S	S	S	S	S	S	SE	SE	SE
Wind movement	6	6	5	7	3	3	5	5	5	6	9	9	8	9	10	8	7	6	7	6	5	5	5	6
Maximum velocities (exceeding 24 miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
59	47	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 3.6 Possible sunshine, hours, 10.0
Per cent of possible sunshine, 36
Prevailing wind direction, S Total wind, 151
Average hourly velocity, 6.3 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 12:23 p.m.
Reduced barometer, 30.11 7 a. m. 30.11 7 p. m.
River gage, 0.5 feet
Relative humidity, 98 7 a. m. 74 7 p. m.

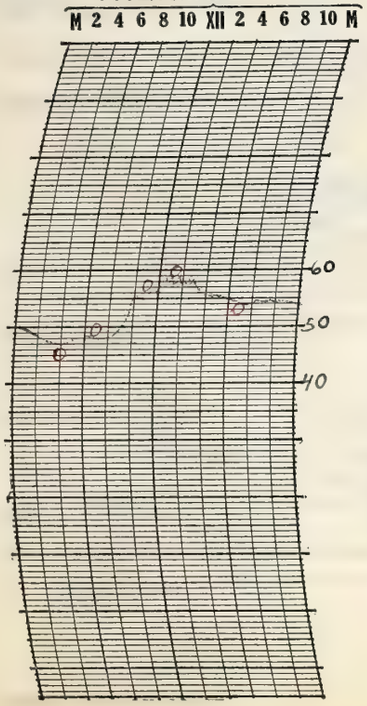
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

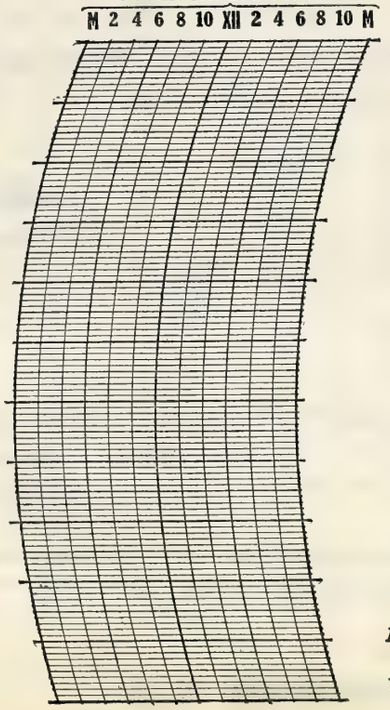
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 56.2 Wet temperature, 50.2
Dew-point, 45 R. humidity, 66 V. pressure, .298
Clouds: Amount, 5; Kind, cu; Direction, S
Velocity of clouds (miles per hour)

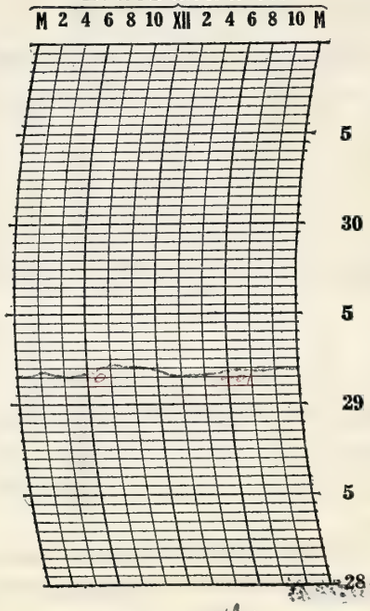
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.
Verified by E. H.

8—486

NOTES

A cloudy morning followed by considerable sun shine through broken clouds during the afternoon. Mostly cloudy at night. Fair flying conditions prevailed. A heavy dew occurred in the morning

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 14 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	52	52	52	52	51	52	53	55	56	57	58	60	61	61	60	58	57	55	55	55	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					cloudy								×	part	cloudy			→
Sunrise: Time, 6:28 Character, cloudy																					Sunset: Time, 4:24 Character, cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SE	SE	SE	SE	E	E	E	E	SE	E	SE	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	5	6	6	4	3	3	6	4	4	5	5	7	8	7	6	7	7	7	8	9	8	7	9	8
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

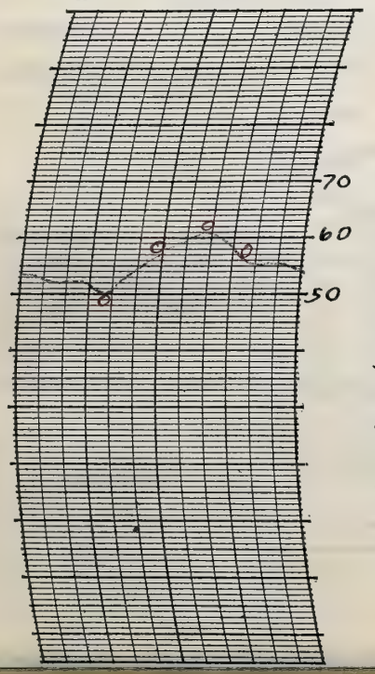
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	51	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 149
Average hourly velocity, 6.2 Extreme velocity, 10
Maximum velocity, 10 Direction, E
Time began, 6:43 PM
Reduced barometer, 30.13 7 a. m. 30.03 7 p. m.
River gage, -0.5 feet
Relative humidity, 7 a. m. 82 7 p. m.

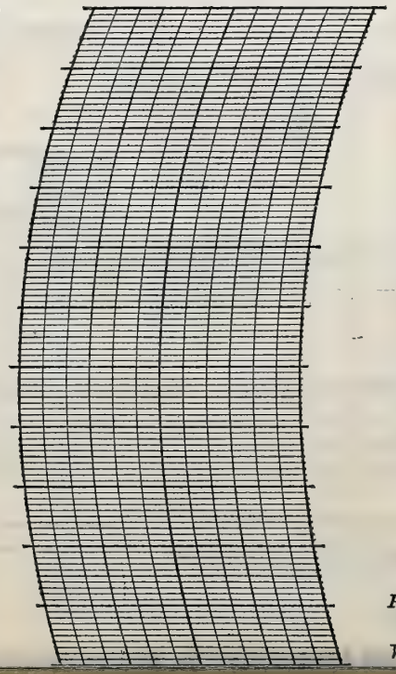
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 57.1 Wet temperature, 54.1
Dew-point, 52 R. humidity, 83 V. pressure, .387
Clouds: Amount, 8; Kind, st; Direction, SE
Velocity of clouds (miles per hour)

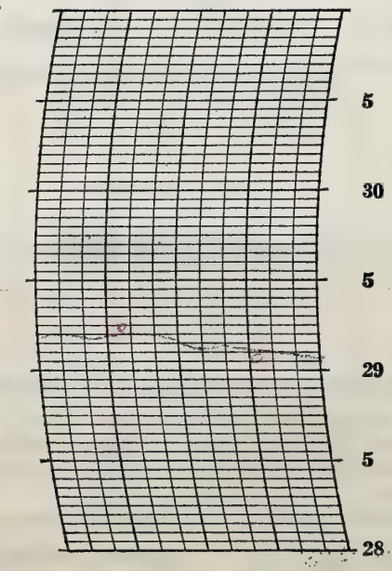
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.J.H.

NOTES

A cloudy threatening day. Visibility poor until 11:00 am. then fair to good the rest of the day. Dark early.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 15 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	52	51	51	51	51	52	59	54	56	57	58
Nature of precipitation and time of beginning and ending							RB 6:20	RE 7:10		RB 9:30 RE 9:50	RB 10:50 1	RE 11:00
Amounts of precipitation							T	T		T	T	T
Cloudiness and other conditions							cloudy					
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	SE
Wind movement	8	6	8	7	8	8	6	7	8	7	9	9

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	61	60	60	59	58	58	58	58	58	58	58
Nature of precipitation and time of beginning and ending				RB 3:45		RE 5:45						
Amounts of precipitation				T	.01	.01						
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	8	8	9	9	8	7	8	9	9	10	12	11

Sunrise: Time, 6:29 Character, cloudy

Moonrise:

Sunset: Time, 4:23 Character, cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
61	51	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0.2 ins.

Total precipitation, midnight to midnight, 0.2 inches.

Character of day, cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.9

Per cent of possible sunshine, 0

Prevailing wind direction, SE Total wind, 199

Average hourly velocity, 8.3 Extreme velocity, 15

Maximum velocity, 15 Direction, SE

Time began, 10:17 pm

Reduced barometer, 29.95 7 a. m. 29.81 7 p. m.

River gage, 10.5 feet

Relative humidity, 94 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

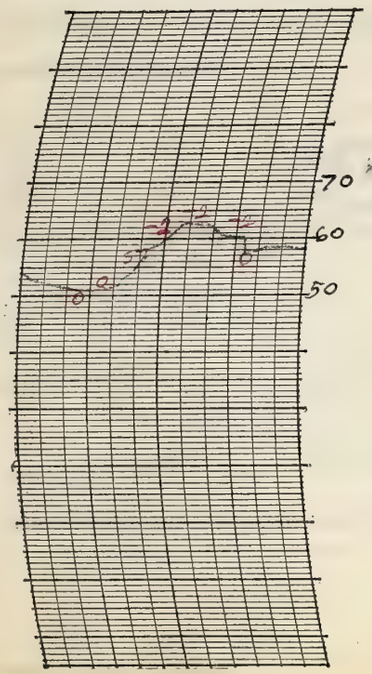
Dry temperature, 52.6 Wet temperature, 55.1

Dew-point, 54 R. humidity, 86 V. pressure, .417

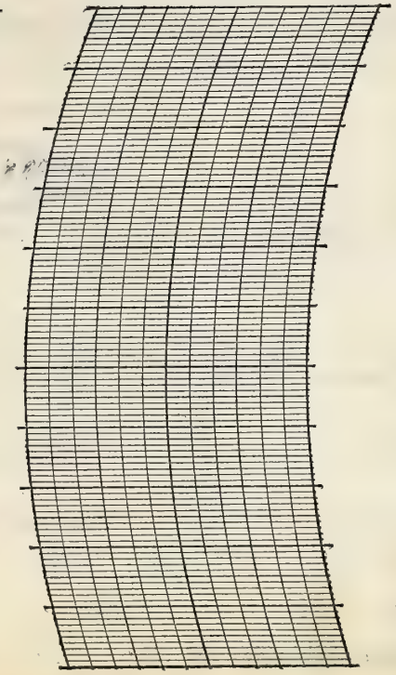
Clouds: Amount, 10; Kind, st; Direction, SE

Velocity of clouds (miles per hour)

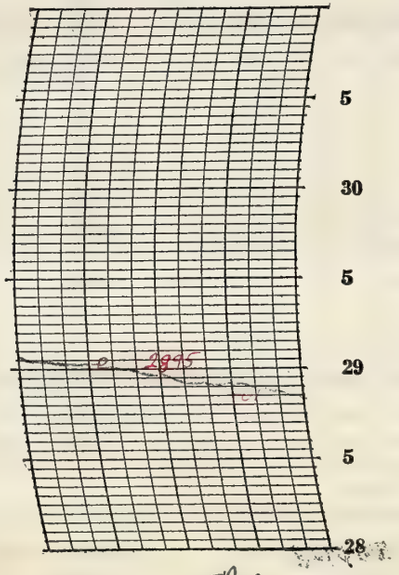
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. J.

Verified by E. L. G.

8—486

NOTES

A cloudy damp day. Light rain in the morning and again in the late afternoon. Poor visibility.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 16 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	57	57	59	60	61	62	63	65	68	67	70	70	68	64	61	59	58	56	54	53	53
State of weather: Nature of precipitation and time of beginning and ending				RB DN2		RE 6:00	RB 6:35	RE 7:30																
Amounts of precipitation				.01	.04	.02	.02	T																
Cloudiness and other conditions							← cloudy						← part cloudy											

Sunrise: Time, 6:30 Character, cloudy
Moonrise:
Sunset: Time, 4:22 Character, cloudy
Moonset:

Sunshine (in tenths of hours)							0	0	0	0	0	0.4	0.5	1.0	1.0	0.7	0							
Wind direction	SE	SE	E	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SE
Wind movement	11	11	10	12	13	13	16	19	18	19	17	20	21	20	22	19	13	13	9	13	9	7	5	3
Maximum velocities (exceeding 24 miles) direction and time													32 S 12:10		27 S 2:52									

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

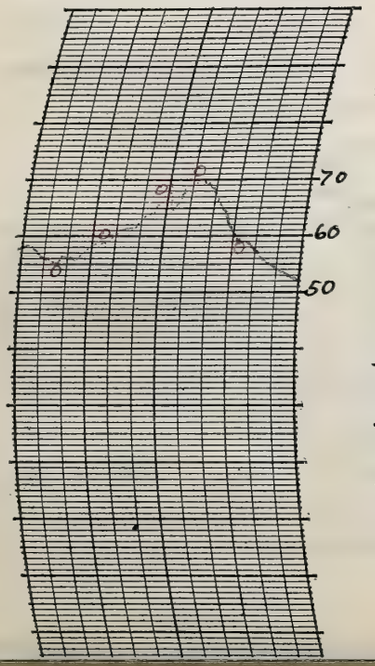
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	53	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .09 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, part cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 3.6 Possible sunshine, hours, 9.9
Per cent of possible sunshine, 36
Prevailing wind direction, SE Total wind, 333
Average hourly velocity, 13.9 Extreme velocity, 35
Maximum velocity, 32 Direction, S
Time began, 12:10 pm.
Reduced barometer, 29.55 7 a. m. 29.61 7 p. m.
River gage, -0.2 feet
Relative humidity, 90 7 a. m. 48 7 p. m.

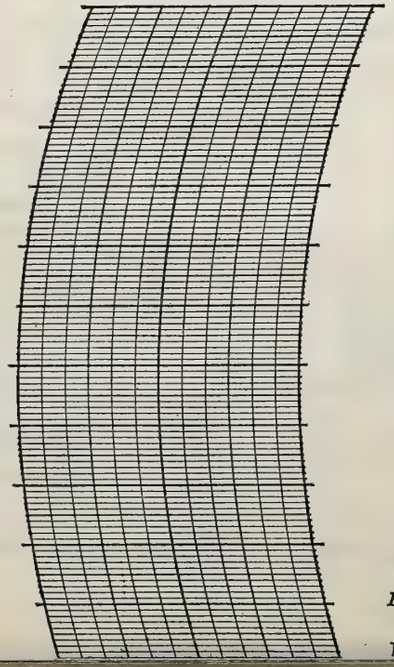
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 68.2 Wet temperature, 61.0
Dew-point, 52 R. humidity, 66 V. pressure, .465
Clouds: Amount, 9; Kind, stratus; Direction, S
Velocity of clouds (miles per hour)

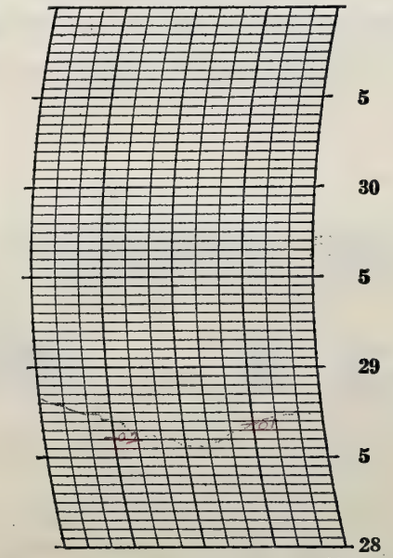
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E.S.H.

NOTES

Cloudy until 1:00 pm. then partly cloudy into the night. Sun shone through broken clouds during the afternoon. Light rain in the early morning mostly in the form of a mist.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 17 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	51	50	50	48	48	51	54	58	59	60	62	62	62	60	58	57	56	54	53	53	52	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	clear			→	P	cldy					clear							→
Sunshine (in tenths of hours)							0.48 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.35 0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	S	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SE	SE	SE	SE
Wind movement	7	7	8	5	4	4	4	5	7	8	12	14	16	14	11	7	5	3	2	3	4	5	3	2
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:31 Character, clear
Moonrise:
Sunset: Time, 4:21 Character, clear
Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

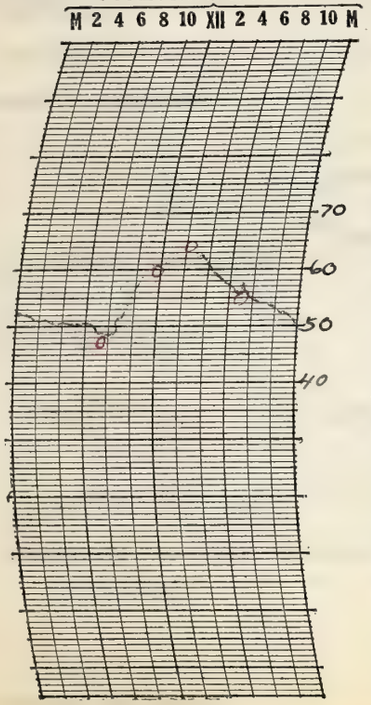
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
62	48	55	

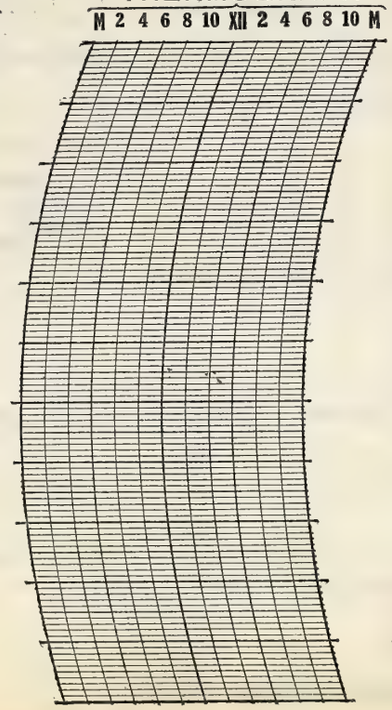
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 9.8 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 100
Prevailing wind direction, SE Total wind, 160
Average hourly velocity, 6.7 Extreme velocity, 20
Maximum velocity, 19 Direction, S
Time began, 12:35 P.M.
Reduced barometer, 29.70 7 a. m. 29.81 7 p. m.
River gage, 0.9 feet
Relative humidity, 73 7 a. m. 50 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 60.4 Wet temperature, 56.4
Dew-point, 53 R. humidity, 78 V. pressure, .402
Clouds: Amount, 3; Kind, Ci; Direction, SW
Velocity of clouds (miles per hour)

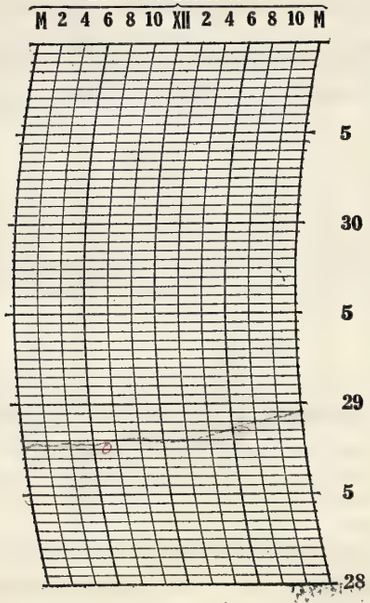
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by C.F.H.

8—486

NOTES

The day averaged clear but there were considerable upper clouds most of the time. Good flying conditions

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 18 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	44	44	44	43	46	50	56	62	67	70	71	72	70	68	65	62	58	55	54	52	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←					clear													→
Sunshine (in tenths of hours)							0.47 0	1.0 0	0	0.4	1.0	1.0	1.0	1.0	1.0	0.8 0.2	0.33 0							
Wind direction	SE	E	E	E	NE	E	E	E	E	E	E	E	E	SE	E	SE	SE	E	E	E	E	E	E	E
Wind movement	3	4	6	5	4	4	7	10	8	6	7	10	9	10	11	9	9	7	7	8	8	8	8	7

Sunrise: Time, 6:32 Character, clear
Moonrise:
Sunset: Time, 4:20 Character, clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

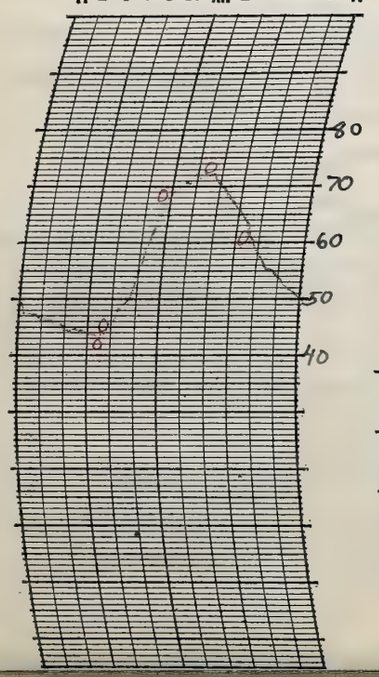
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
72	43	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 8.2 Possible sunshine, hours, 9.8
Per cent of possible sunshine, 84
Prevailing wind direction, E Total wind, 175
Average hourly velocity, 7.3 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 2:06 pm
Reduced barometer, 29.96 7 a. m. 30.07 7 p. m.
River gage, -0.4 feet
Relative humidity, 78 7 a. m. 61 7 p. m.

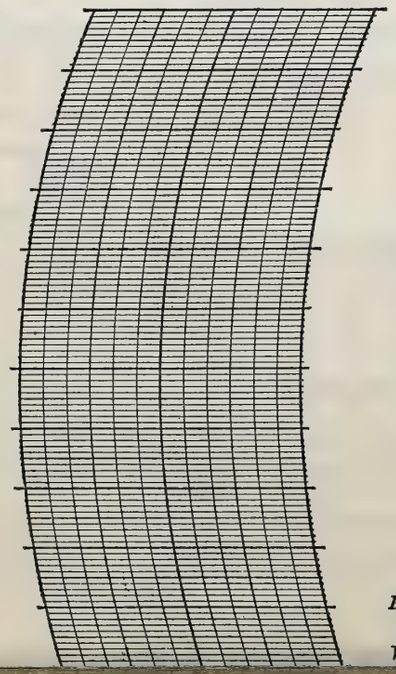
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 67.0 Wet temperature, 55.0
Dew-point, 45 R. humidity, 46 V. pressure, 278
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

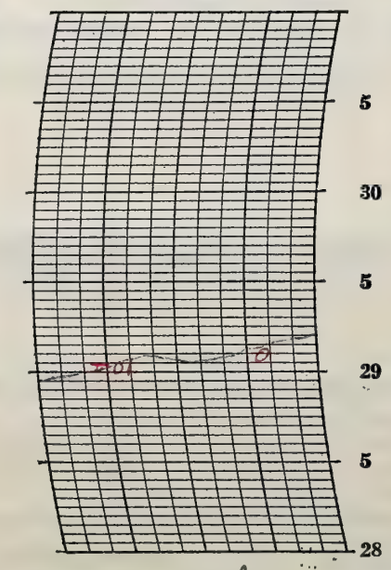
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

NOTES

A clear warm beautiful day.
Clear also at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 19 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	48	48	47	46	47	51	58	64	68	71	73	74	74	72	69	67	66	60	57	54	52	50
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			clear								×	partly	×		clear			→
Sunshine (in tenths of hours)						0	0.45 0	1.0 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0							
Wind direction	E	E	E	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	E	E	E	E	E	NE	NE	E
Wind movement	6	6	5	5	5	6	6	5	5	6	6	6	7	7	10	7	7	6	6	7	7	5	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:33 Character, clear

Moonrise:

Sunset: Time, 4:20 Character, cloudy

Moonset:

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
75	46	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 8.8 Possible sunshine, hours, 9.8

Per cent of possible sunshine, 90

Prevailing wind direction, E Total wind, 150

Average hourly velocity, 6.2 Extreme velocity, 11

Maximum velocity, 11 Direction, SE

Time began, 2:48 pm

Reduced barometer, 30.23 7 a. m. 30.22 7 p. m.

River gage, feet

Relative humidity, 83 7 a. m. 58 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

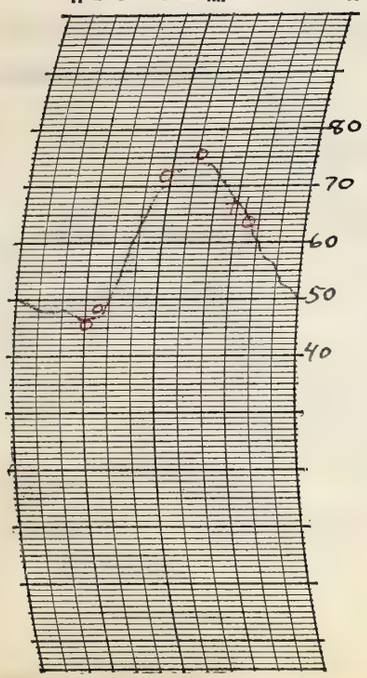
Dry temperature, 71.3 Wet temperature, 58.8

Dew-point, 50 R. humidity, 42 V. pressure, .360

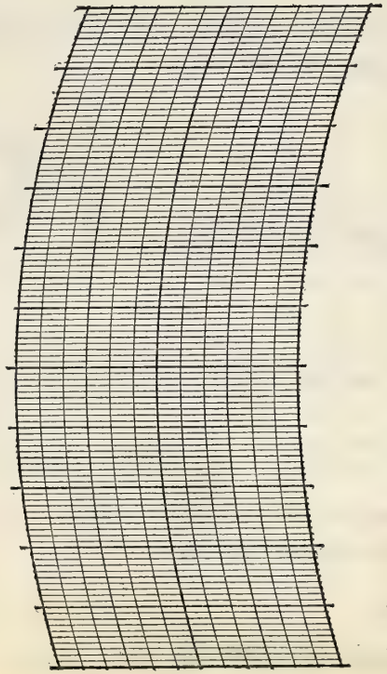
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

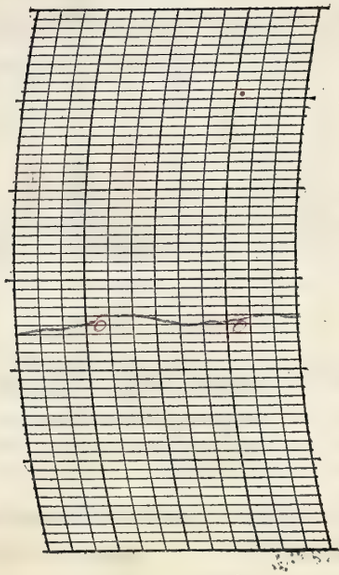
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.L.H.

8—486

NOTES

A mostly clear morning followed in the late afternoon by partly cloudy. The record since the Weather Bureau Office was opened here for the highest temperature so late in the fall was broken when the maximum reached 75 degrees.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Thursday, (Date) NOV 20 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	46	47	49	52	55	60	63	67	70
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← clear				x part cloudy x		
Sunshine (in tenths of hours)							0	0	0.5	0.7	0.3	1.0
Wind direction	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	9	7	6	5	6	5	10	12	13	11	14

Sunrise: Time, 6:35 Character, clear

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	70	69	68	66	66	65	65	65	65	66	65
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							cloudy		x Prob			
Sunshine (in tenths of hours)	0.7	0.6	0.3	0	0							
Wind direction	S	SE	S	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	15	14	13	11	12	12	15	16	16	16	15	15

Sunset: Time, 4:19 Character, cloudy

Moonset:

State of weather.

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
70	46	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, part cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 5.5 Possible sunshine, hours, 9.7

Per cent of possible sunshine, 57

Prevailing wind direction, SE Total wind, 273

Average hourly velocity, 11.4 Extreme velocity, 21

Maximum velocity, 20 Direction, S

Time began, 10:58 pm.

Reduced barometer, 30.18 7 a. m. 30.04 7 p. m.

River gage, −0.5 feet

Relative humidity, 82 7 a. m. 75 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

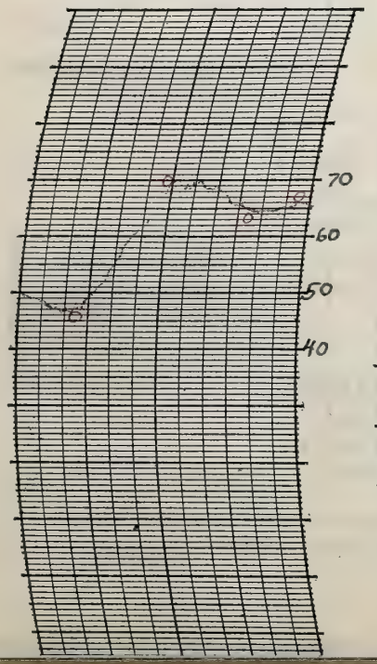
Dry temperature, 69.9 Wet temperature, 60.9

Dew-point, 55 R. humidity, 60 V. pressure, .432

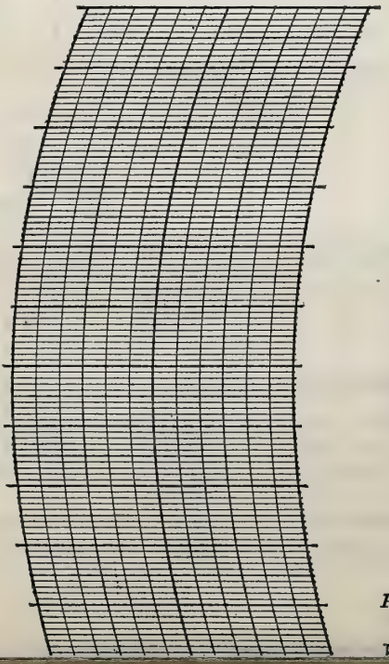
Clouds: Amount, 3; Kind, Cu; Direction, S

Velocity of clouds (miles per hour)

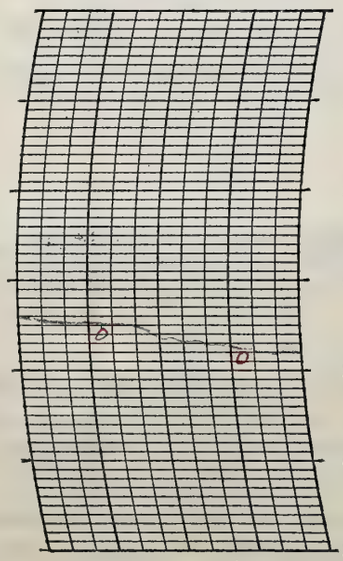
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E.L.H.

NOTES

Heavy dew occurred in the morning.

A partly cloudy morning with the sun shining through upper clouds. The afternoon was cloudy, mostly lower clouds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 21 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	63	60	57	54	51	51	51	52	52	52
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← clear						
Sunshine (in tenths of hours)							0.4 0	1.0 0	0.1 0.7	1.0	1.0	1.0
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	14	13	13	15	11	9	9	16	16	16	17

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	50	49	46	45	42	42	41	40	38	37
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												→
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.5 0.2	0.3 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW
Wind movement	16	14	15	14	9	8	7	8	10	10	10	9

Sunrise: Time, 6:36 Character, clear
Moonrise:
Sunset: Time, 4:48 Character, clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

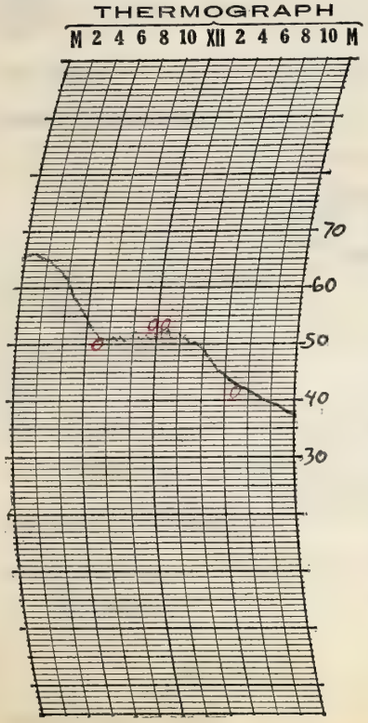
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
66	37	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 9.5 Possible sunshine, hours, 9.7
Per cent of possible sunshine, 98
Prevailing wind direction, SW Total wind, 294
Average hourly velocity, 12.2 Extreme velocity, 23
Maximum velocity, 22 Direction, SW
Time began, 10:35 am
Reduced barometer, 30.06 7 a. m. 30.21 7 p. m.
River gage, 7.05 feet
Relative humidity, 78 7 a. m. 70 7 p. m.

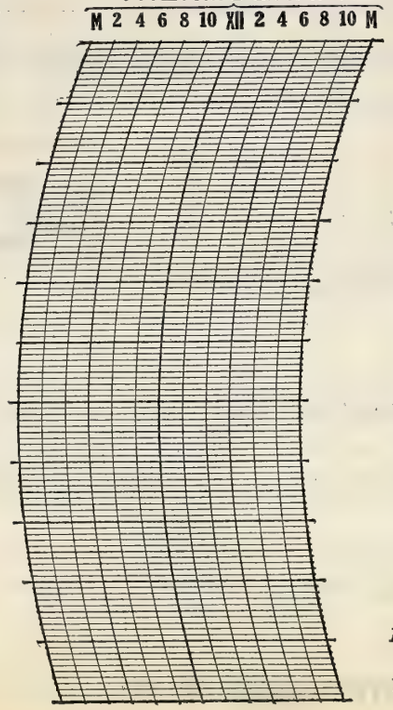
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 51.6 Wet temperature, 45.1
Dew-point, 38 R. humidity, 60 V. pressure, .228
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

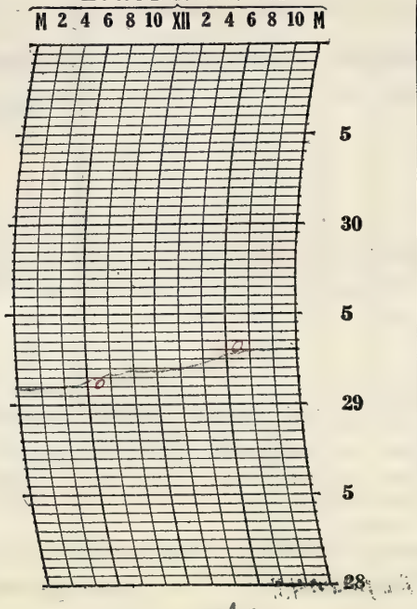
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJF

Verified by

8—486

NOTES

A few cumulus, an occ clouds at times, but the day averaged clear moderate and beautiful.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 22 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	34	33	33	32	35	37	40	42	43	44	45	46	44	42	41	42	40	39	39	38	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	part	cloudy	×										clear					→
Sunrise: Time, 6:37 Character, cloudy																					Sunset: Time, 4:18 Character, clear			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	0.30 0							
Wind direction	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	10	10	9	9	9	9	13	16	15	17	17	19	18	16	16	12	10	11	11	13	14	10	10
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
46	32	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 7.9 Possible sunshine, hours, 9.7

Per cent of possible sunshine, 81

Prevailing wind direction, SW Total wind, 301

Average hourly velocity, 12.5 Extreme velocity, 23

Maximum velocity, 23 Direction, SW

Time began, 11:43 2am.

Reduced barometer, 30.24 7a. m. 30.10 7p. m.

River gage, -0.5 feet

Relative humidity, 79 7a. m. 59 7p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

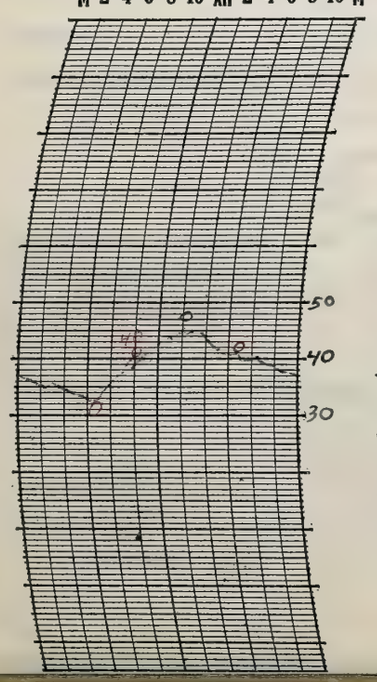
Dry temperature, 43.0 Wet temperature, 36.0

Dew-point, 26 R. humidity, 49 V. pressure, .136

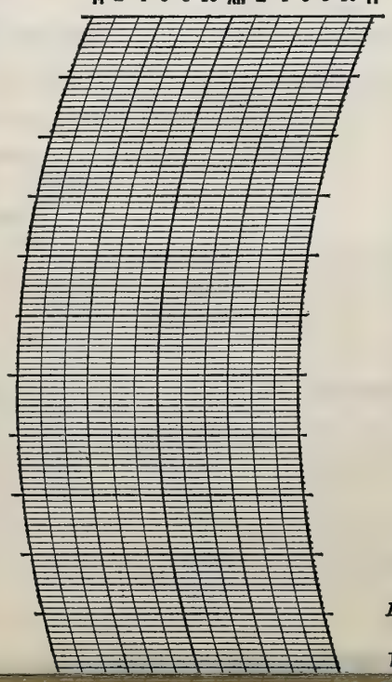
Clouds: Amount, Few; Kind, Cu.; Direction, W

Velocity of clouds (miles per hour)

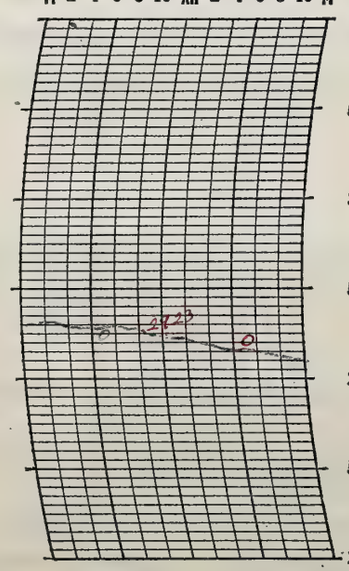
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJF

Verified by E.L.H

NOTES

Partly cloudy until 10:00 am then clear into the night. A moderate beautiful day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 23 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	35	34	33	34	36	40	44	48	51
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							←	part	cloudy			
Sunshine (in tenths of hours)							0.37 / 0	1.0 / 0	0.6 / 0.4	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	7	8	9	9	10	9	9	11	14	15	15

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	51	50	48	48	48	45	44	44	42	42
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions								clear	→			
Sunshine (in tenths of hours)	1.0	1.0	0.8	1.0 / 0	0.28 / 0							
Wind direction	SW	SW	SW	SW	S	S	SW	SW	S	SW	S	SW
Wind movement	17	17	18	15	15	14	15	14	14	14	13	13

Sunrise: Time, 6:38 Character, clear
Moonrise:
Sunset: Time, 4:12 Character, clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

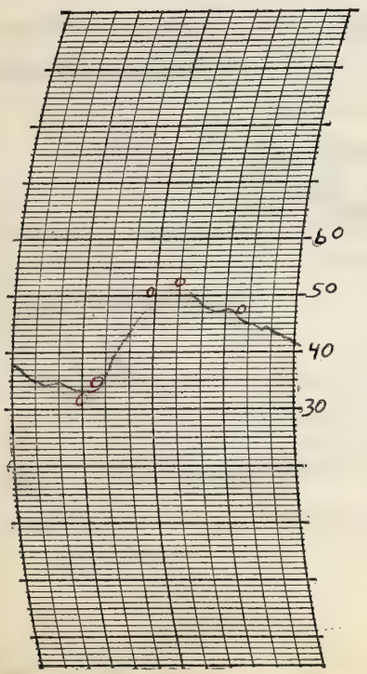
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	33	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, part cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 9.4 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 98
Prevailing wind direction, SW Total wind, 305
Average hourly velocity, 12.7 Extreme velocity, 22
Maximum velocity, 22 Direction, S
Time began, 1:40 pm
Reduced barometer, 29.95 7 a. m. 29.69 7 p. m.
River gage, +0.7 feet
Relative humidity, 81 7 a. m. 45 7 p. m.

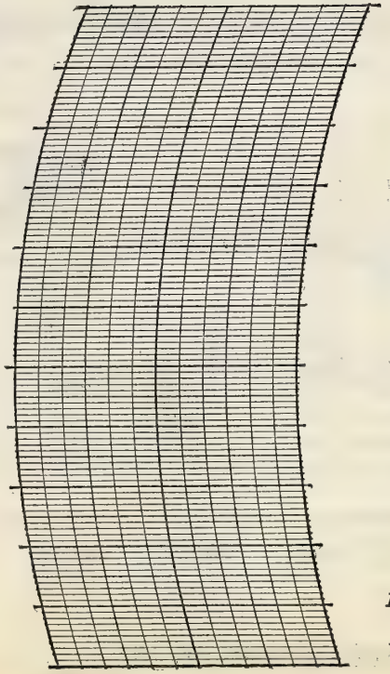
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 50.8 Wet temperature, 41.8
Dew-point, 31 R. humidity, 45 V. pressure, .172
Clouds: Amount, 3 ; Kind, 2 cu ; Direction, W
Velocity of clouds (miles per hour)

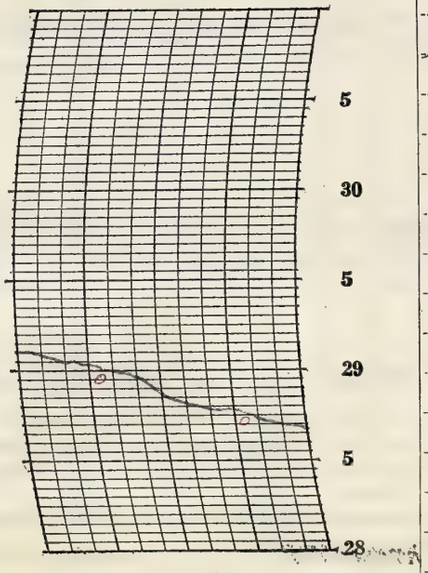
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJH

Verified by E.L.H

S—486

NOTES

A partly cloudy day. Sun shone most of the time through high cloudy. Dusty winds.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 24 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	42	42	41	40	39	39	39	37	38	37	37
State of weather. Nature of precipitation and time of beginning and ending							RB 6:35 RE 6:40		SMB 8:05 SME 8:35			SMB 11:50
Amounts of precipitation							T		T			T
Cloudiness and other conditions						← cloudy			→	cldy		
Sunrise: Time, Character,	6:39 cloudy											
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0.1	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	11	11	9	12	11	11	12	13	15	15	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	34	33	33	32	31	30	30	29	28	27
State of weather. Nature of precipitation and time of beginning and ending												SM cont
Amounts of precipitation	.01	.01	.01	.01	.02	.01	.01	T	T	T	T	T
Cloudiness and other conditions							cloudy		→			
Sunset: Time, Character,									4:16 cloudy			
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	W
Wind movement	14	12	12	12	18	16	17	17	16	17	17	15

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

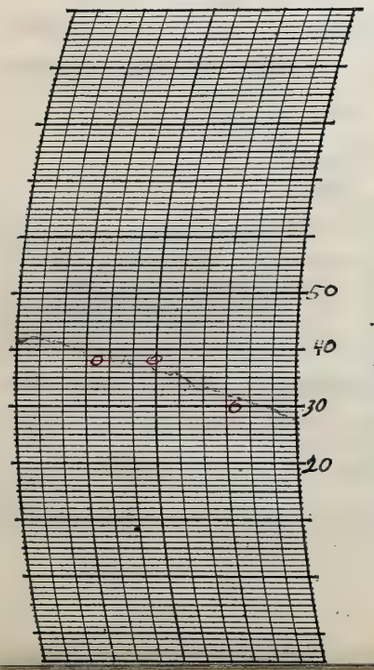
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	27	34	

Total depth of snow for 24 hours ending 7 p. m., 0.7 inches.
Snow, sleet, and hail on ground 7 p. m., 0.2 inches.
Total snowfall, midnight to midnight, 0.7 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.1 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 1
Prevailing wind direction, SW Total wind, 325
Average hourly velocity, 13.5 Extreme velocity, 22
Maximum velocity, 22 Direction, W
Time began, 8:58 pm
Reduced barometer, 29.54 7 a. m. 29.60 7 p. m.
River gage, -0.5 feet
Relative humidity, 74 7 a. m. 97 7 p. m.

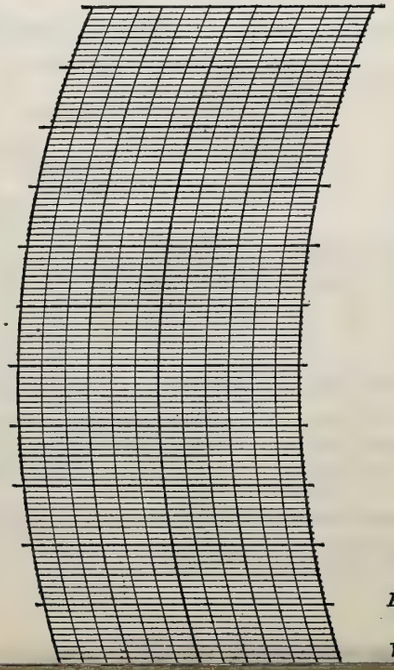
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 32.0 Wet temperature, 33.0
Dew-point, 22 R. humidity, 66 V. pressure, .143
Clouds: Amount, 10; Kind, strat Direction, W
Velocity of clouds (miles per hour)

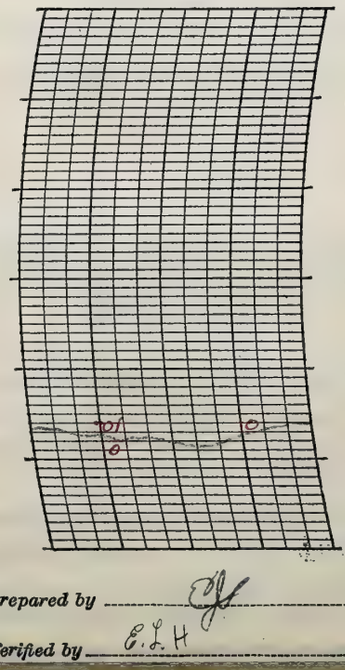
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.L.H

NOTES

The tipping bucket was removed during the evening observation.
Hourly amounts of precipitation estimated, from 12 noon and on.
A cloudy day. Few drops of rain in the morning turning to light snow flurries. The snow began to remain on the ground at 3:00 pm. Poor visibility all day. Conditions from 4 to 7 pm. were bad — snow formed on windshields — streets and sidewalks very slippery. Conditions slightly better at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 25 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	24	24	23	22	21	20	21	20	20	20	22	23	24	24	24	24	23	23	23	23	22	22
Nature of precipitation and time of beginning and ending	SM cont	SM DNe					SM B 6:15																	SM cont
Amounts of precipitation	T	T					T	T	.01	T	.01	T	.01	T	.01	T	.01	T	.01	.01	T	.01	T	.01
Cloudiness and other conditions	← Cloudy →																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	NE	NE	NE	NE
Wind movement	16	15	16	15	14	15	12	13	12	13	14	12	11	10	7	7	7	4	4	2	4	5	6	6

State of weather.

Sunrise: Time, 6:41 Character, Cloudy
Moonrise:

Sunset: Time, 4:16 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

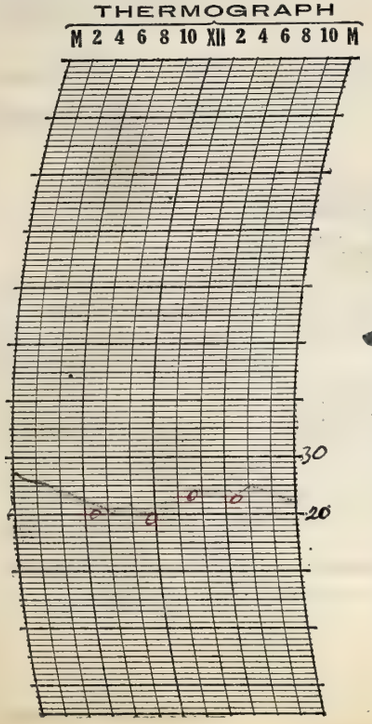
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	20	24	

Total depth of snow for 24 hours ending 7 p. m., 0.6 inches.
Snow, sleet, and hail on ground 7 p. m., 0.7 inches.
Total snowfall, midnight to midnight, 1.0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.6 ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, SW Total wind, 240
Average hourly velocity, 10.0 Extreme velocity, 21
Maximum velocity, 20 Direction, W
Time began, 5:25 2m.
Reduced barometer, 29.70 7 a. m. 29.49 7 p. m.
River gage, 7.05 feet
Relative humidity, 86 7 a. m. 96 7 p. m.

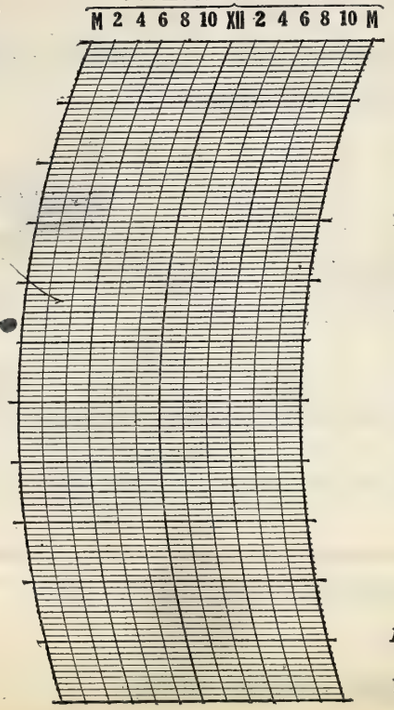
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 20.5 Wet temperature, 19.5
Dew-point, 18 R. humidity, 86 V. pressure, 0.93
Clouds: Amount, 10; Kind, st cu; Direction, SW
Velocity of clouds (miles per hour)

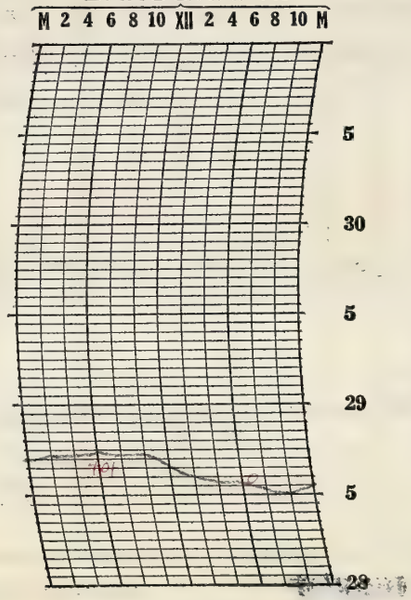
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E. L. H.

S—486

NOTES

A snowy, blustery day. Snow melted on the streets and then froze beginning about 2:30 pm. by 3:00 pm there was an ice cover on the streets with about 0.6 inch snow on top. At 5 pm conditions were bad for driving on all streets and sidewalks were slippery. Light snow continued at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) NOV 26 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	22	22	22	22	22	22	22	24	24	24	24	23	22	20	18	16	12	10	8	8	7	7
State of weather: Nature of precipitation and time of beginning and ending	SM con	SME DN2						SMB 7:40											SME 6:10					
Amounts of precipitation	T	T						T	T	.01	T	.01	T	.01	01	.01	T	01	T					
Cloudiness and other conditions						←					Cloudy													→
Sunrise: Time, 6:42 Character, cloudy																					Sunset: Time, 4:15 Character, cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	N	N	NW	W	W	SW	W	W	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW
Wind movement	4	3	3	5	4	7	7	6	7	8	11	11	14	17	18	17	16	19	19	17	18	15	12	12
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

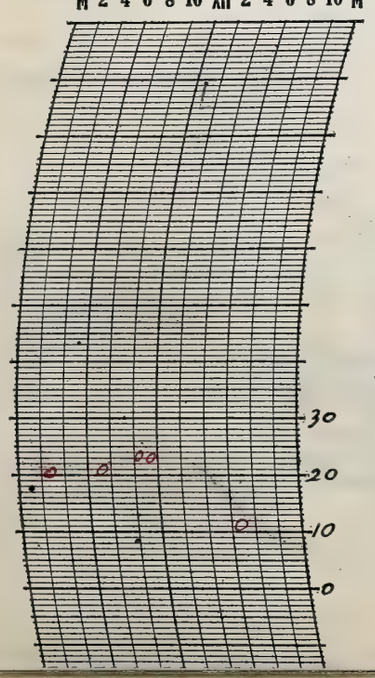
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	7	16	

Total depth of snow for 24 hours ending 7 p. m., 1.2 inches.
Snow, sleet, and hail on ground 7 p. m., 1.8 inches.
Total snowfall, midnight to midnight, .48 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.6
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 270
Average hourly velocity, 11.2 Extreme velocity, 26
Maximum velocity, 25 Direction, W
Time began, 2:34 pm
Reduced barometer, 29.64 7 a. m. 29.93 7 p. m.
River gage, -0.5 feet
Relative humidity, 94 7 a. m. 82 7 p. m.

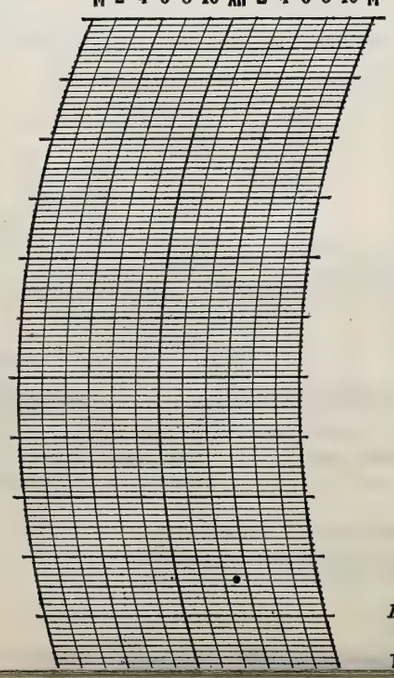
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 24.0 Wet temperature, 23.6
Dew-point, 23 R. humidity, 95 V. pressure, .118
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour)

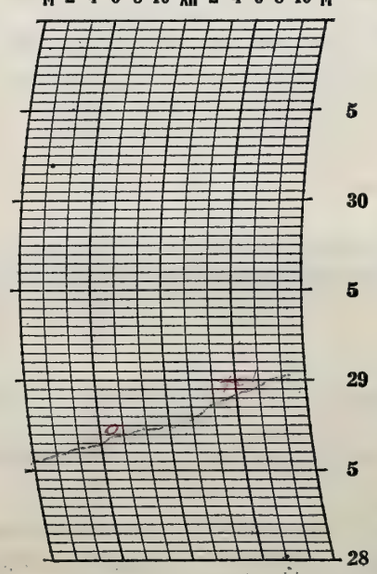
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

NOTES

Snow fell all day. Streets and sidewalks very slippery. Cold, windy day. Visibility very poor. Planes forced down at city field.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 27 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	3	3	2	2	1	1	1	2	5	6	8	10	11	11	12	11	10	10	9	9	9	8	8	7
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			cloudy				X			part	cloudy							→
Sunshine (in tenths of hours)							0	0	0	0	0.4	0.3	0.8	0.1	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	9	10	10	10	9	10	10	12	13	13	14	15	14	14	12	10	9	10	10	10	10	10	10

Sunrise: Time, 6:43 Character, cloudy
Moonrise:
Sunset: Time, 4:15 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

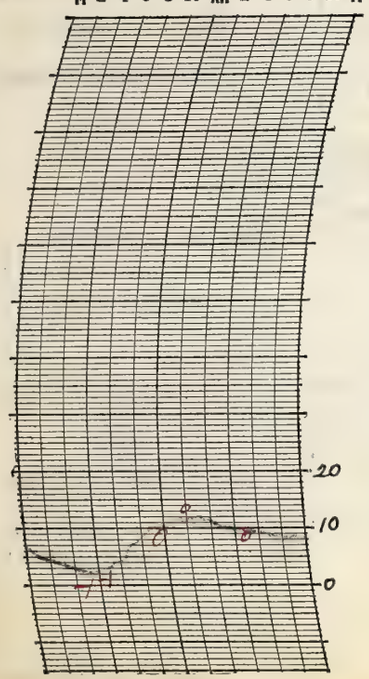
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
12	1	6	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.8 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, part cloudy Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 1.6 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 17
Prevailing wind direction, SW Total wind, 266
Average hourly velocity, 11.1 Extreme velocity, 18
Maximum velocity, 18 Direction, SW
Time began, 2:23 pm
Reduced barometer, 30.08 7 a. m. 30.21 7 p. m.
River gage, 70.5 feet
Relative humidity, 81 7 a. m. 78 7 p. m.

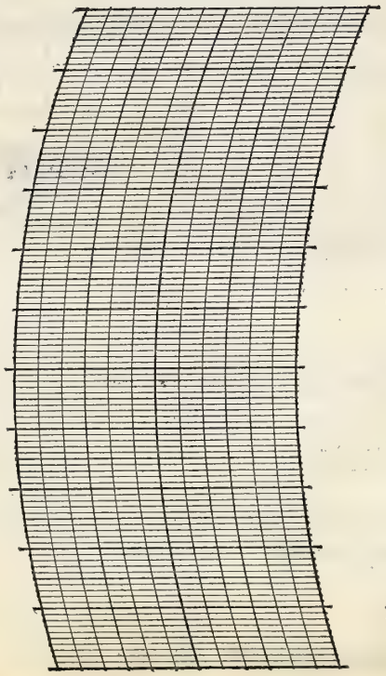
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 9.6 Wet temperature, 8.4
Dew-point, 4 R. humidity, 74 V. pressure, .047
Clouds: Amount, 4; Kind, ~~2 st~~ Cu; Direction, SW.
Velocity of clouds (miles per hour)

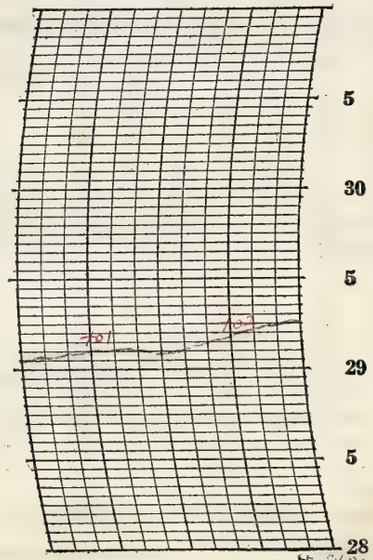
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by
Verified by

8—486

NOTES

The coldest Nov 27 occurred this morning when the minimum temperature reached one above zero. Streets continued slippery and sidewalks were also slippery. A cold day with snow blowing some

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 28 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	5	4	4	3	2	1	1	5	9	10	15	16	17	18	16	14	14	13	13	12	12	12	14
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←			clear						×			part cloudy						→
Sunshine (in tenths of hours)							0.27 0	1.0 0	1.0 0	0.8	1.0	1.0	1.0	0.9	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SE	SE	SE	SE	SE	SE
Wind movement	10	8	8	8	9	9	9	4	8	9	8	8	7	5	6	7	6	6	7	7	9	11	9	9

Sunrise: Time, 6.44 Character, clear
Moonrise:

Sunset: Time, 4.15 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

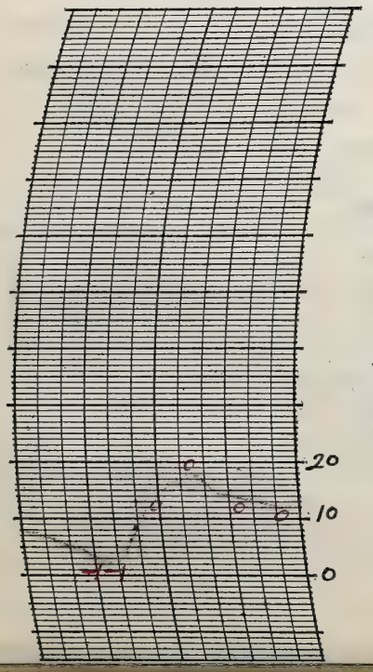
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
18	1	10	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 1.7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 7.0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 74
Prevailing wind direction, SW Total wind, 192
Average hourly velocity, 8.0 Extreme velocity, 12
Maximum velocity, 12 Direction, SW
Time began, 12:34 am.
Reduced barometer, 30.45 7 a. m. 30.56 7 p. m.
River gage, -0.2 feet
Relative humidity, 87 7 a. m. 77 7 p. m.

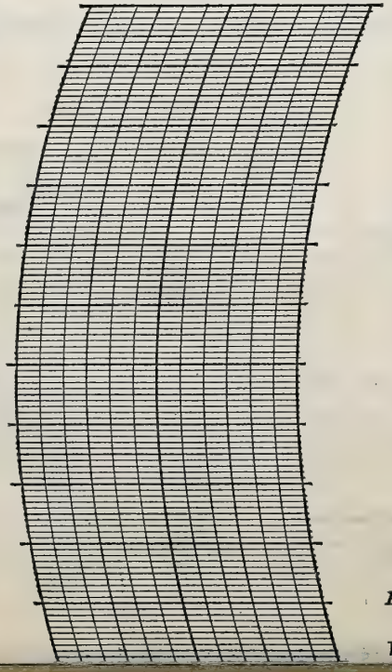
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 14.6 Wet temperature, 13.2
Dew-point, 9 R. humidity, 75 V. pressure, .060
Clouds: Amount, Few; Kind, Cst; Direction, W
Velocity of clouds (miles per hour)

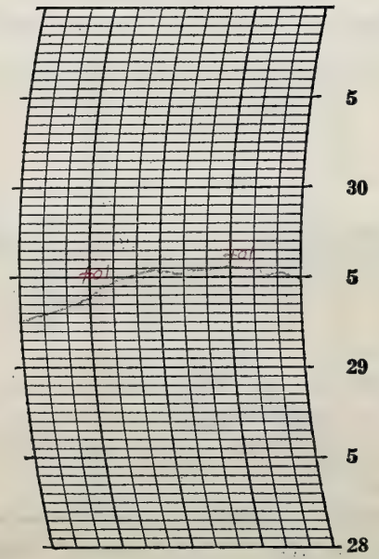
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E.L.H

NOTES

A mostly clear morning followed by a partly cloudy afternoon. Snow remained on the ground and streets and sidewalks were slippery.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 29 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	15	17	18	20	19	21	25	25	28	30	35	37
Nature of precipitation and time of beginning and ending				RB DNa			SE 6:30	RB 7:50				RE 11:30
Amounts of precipitation				.02	0.3	.04	.01	T	T	T	T	.01
Cloudiness and other conditions						←						cloudy →
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S
Wind movement	10	11	8	11	11	11	11	10	12	10	12	13

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	40	40	40	40	41	39	40	40	40	40
Nature of precipitation and time of beginning and ending								RB 7:15				R cont
Amounts of precipitation								.01	.01	.01	.01	.09
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	SE	S	SE	S
Wind movement	14	14	12	13	13	11	10	12	12	14	14	17

State of weather.

Sunrise: Time, 6:45 Character, cloudy

Moonrise:

Sunset: Time, 4:14 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	14	28	

Total depth of snow for 24 hours ending 7 p. m., 0.7 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.7 inches.

Precipitation to 7 a. m., .10 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .24 inches.

Character of day, cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.5

Per cent of possible sunshine, 0

Prevailing wind direction, S Total wind, 286

Average hourly velocity, 11.9 Extreme velocity, 20

Maximum velocity, 18 Direction, SE

Time began, 1:20 p pm

Reduced barometer, 30.35 7 a. m. 30.16 7 p. m.

River gage, 70.5 feet

Relative humidity, 87 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

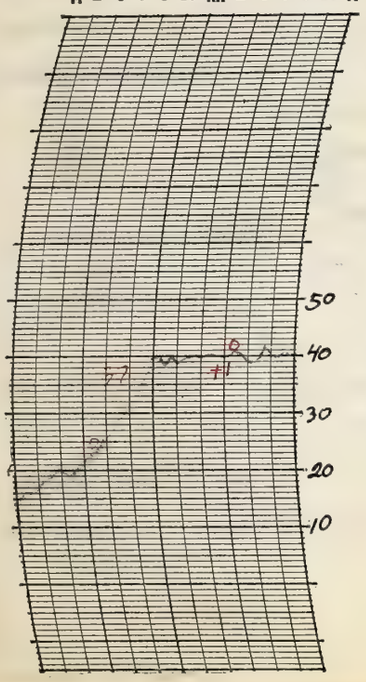
Dry temperature, 37.2 Wet temperature, 36.7

Dew-point, 36 R. humidity, 95 V. pressure, .211

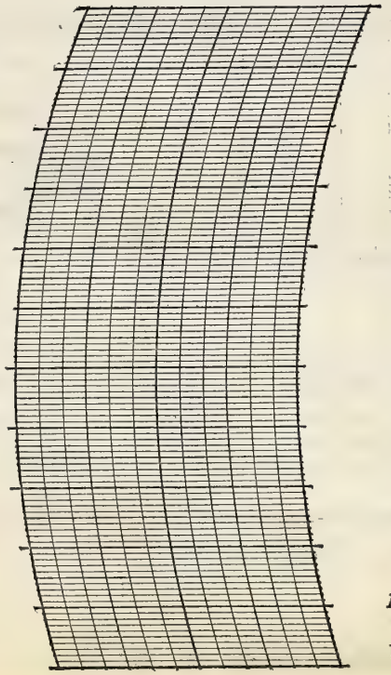
Clouds: Amount, 10; Kind, cst; Direction, SW

Velocity of clouds (miles per hour)

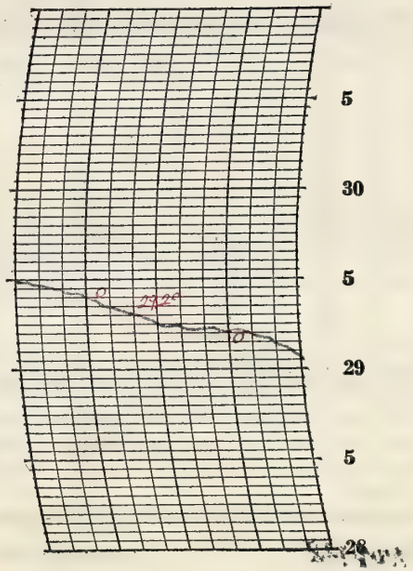
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJS

Verified by E.L.H.

8—486

NOTES

Tipping bucket inserted at 7:51 pm

The light occasional rain that fell in the morning froze to the streets and sidewalks and made the sidewalks very dangerous.

The greatest depth of snow on the ground was 2.4 inches in the morning at observation.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 30 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	41	43	43	44	44	42	41	40	38	36	36	36	35	35	35	34	33	33	33	33	31	30
State of weather: Nature of precipitation and time of beginning and ending	R cont															RE 3:30								
Amounts of precipitation	.08	.18	.13	.16	.20	.17	.22	.10	.04	.06	.04	.04	T	.01	T	.01								
Cloudiness and other conditions	← cloudy →																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	SW	SW	SW	SW	N	NE	N	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	SW	SW
Wind movement	15	16	9	12	9	8	4	4	4	4	12	14	17	15	9	8	11	12	8	12	9	9	6	8

Sunrise: Time, 6.46 Character, cloudy
Moonrise:

Sunset: Time, 4.14 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

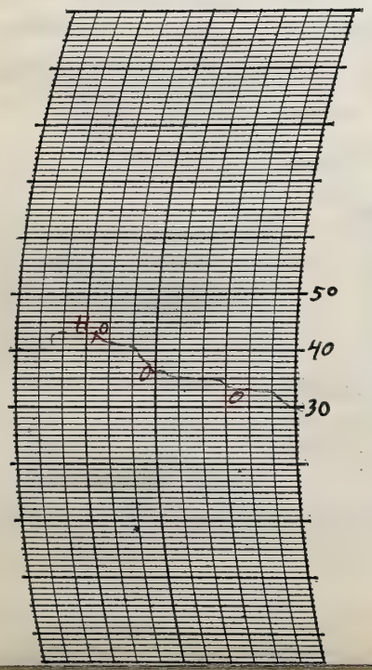
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
44	30	37	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 1.24 ins.; to 7 p. m., .33 ins.
Total precipitation, midnight to midnight, 1.44 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.5
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind, 235
Average hourly velocity, 9.8 Extreme velocity, 23
Maximum velocity, 21 Direction, NW
Time began, 12:37 pm.
Reduced barometer, 29.84 7 a. m. 29.98 7 p. m.
River gage, 1.1 feet
Relative humidity, 98 7 a. m. 89 7 p. m.

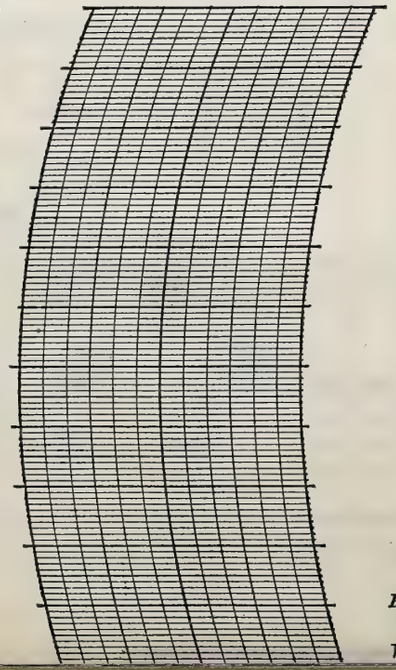
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.4 Wet temperature, 36.3
Dew-point, 36 R. humidity, 99 V. pressure, .211
Clouds: Amount, 10; Kind, St; Direction, NW
Velocity of clouds (miles per hour)

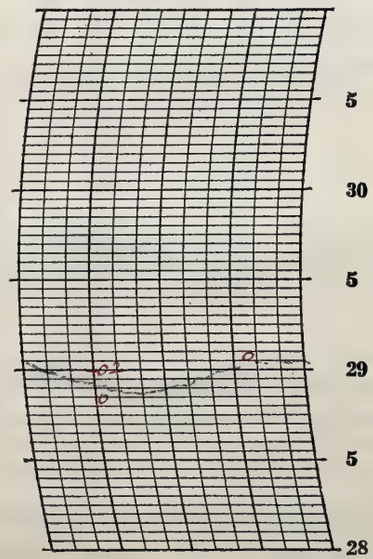
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJS

Verified by E. L. H.

NOTES

Was a cloudy moderate rainy day. Clear for a time at night. Poor flying conditions.
Tipping bucket removed at 7:40 pm.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 1 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	29	31	33	31	24	23	22	22	20	18
Nature of precipitation and time of beginning and ending						SMB 5:50		SME 8:00			SMB 10:00 SME 11:00	
Amounts of precipitation						T	.02	T			T	
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0	0	0	0.3
Wind direction	SW	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	6	7	8	10	12	19	20	14	17	22	22	22

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	18	17	15	14	13	12	11	11	11	11	11
Nature of precipitation and time of beginning and ending				SMB 3:05	SME 4:15							
Amounts of precipitation				T	.01							
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0.3	0.1	0	0	0							
Wind direction	NW	NW	NW	NW	W	W	W	W	W	W	W	W
Wind movement	21	22	21	17	16	13	10	9	8	5	5	5

Cloudy ← → Pt cldy X clear

Sunrise: Time, 6:47 Character, cloudy
Moonrise:

Sunset: Time, 4:14 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time: 27 NW 1:00

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

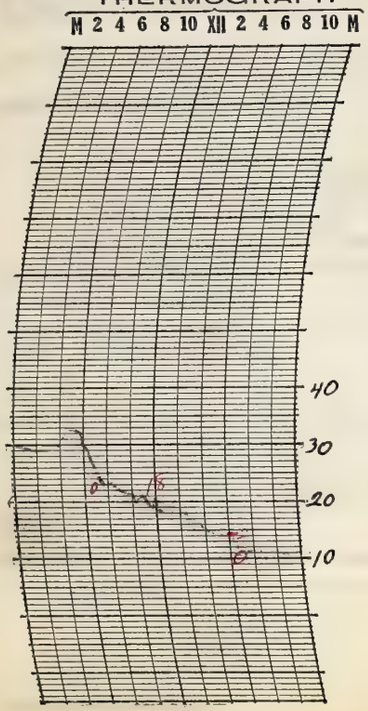
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	11	22	

Total depth of snow for 24 hours ending 7 p. m., .03 inches.
Snow, sleet, and hail on ground 7 p. m., 0.3 inches.
Total snowfall, midnight to midnight, .03 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.7 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 7
Prevailing wind direction, NW Total wind, 331
Average hourly velocity, 13.8 Extreme velocity, 29
Maximum velocity, 27 Direction, NW
Time began, 1:00 pm
Reduced barometer, 30.02 7 a. m. 30.41 7 p. m.
River gage, 10.8 feet
Relative humidity, 87 7 a. m. 82 7 p. m.

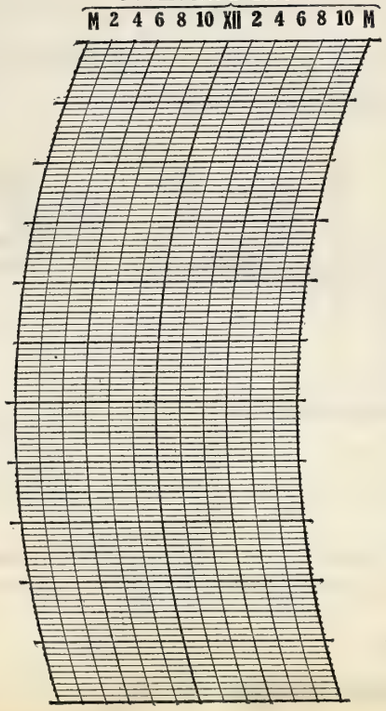
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 18.0 Wet temperature, 16.4
Dew-point, 12 R. humidity, 75 V. pressure, .070
Clouds: Amount, 6; Kind, cu; Direction, NW
Velocity of clouds (miles per hour)

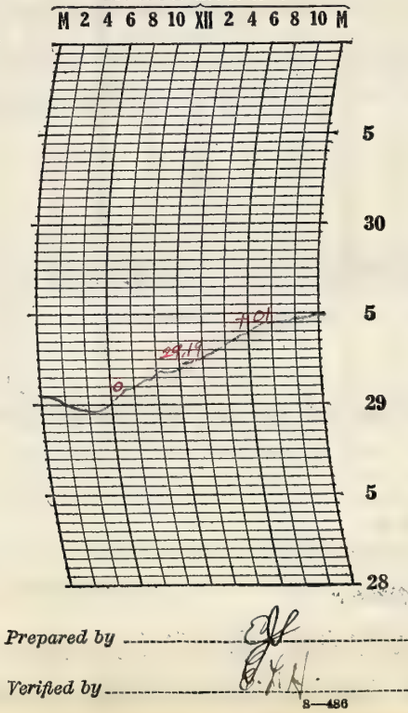
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJF

Verified by O.F.H.

8—486

NOTES

Cold wave warning received at 8:20am flag hoisted at once. Notice was given by phone, newspapers and the radio.
A windy, cold day. Several planes went through during the day. One forced down here at 3:00pm on account of bad local storms south of the station

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 2 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	10	9	8	8	8	8	10	13	15	18	21	23	26	27	28	27	26	26	26	26	26	27	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					< Pt Cldy						clear					Pt Cldy			clear					
Sunshine (in tenths of hours)							0.20 0	0.5 0	0	0	0.7	1.0	1.0	0.8	0	0	0							
Wind direction	W	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	5	6	4	3	4	6	6	8	11	14	15	14	16	15	15	13	11	10	12	11	11	10	8	7

Sunrise: Time, 6.48 Character, clear
Moonrise:
Sunset: Time, 4.13 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	8	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, part cloudy Moon phase,
Average daily cloudiness (0-10), 4
Actual sunshine, hours, 4.2 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 45
Prevailing wind direction, S Total wind, 235
Average hourly velocity, 9.8 Extreme velocity, 20
Maximum velocity, 18 Direction, SE
Time began, 12:05 pm
Reduced barometer, 30.48 7 a. m. 30.28 7 p. m.
River gage, + 1.1 feet
Relative humidity, 86 7 a. m. 59 7 p. m.

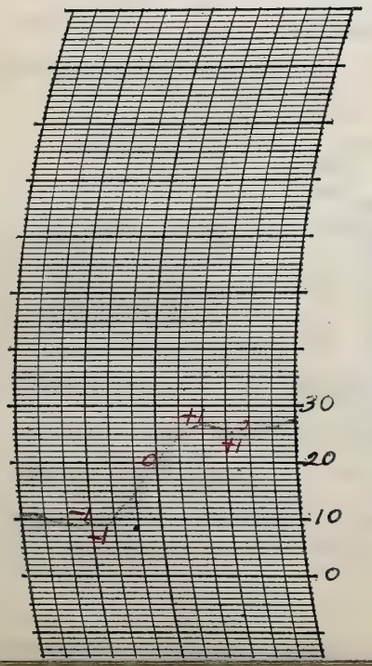
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

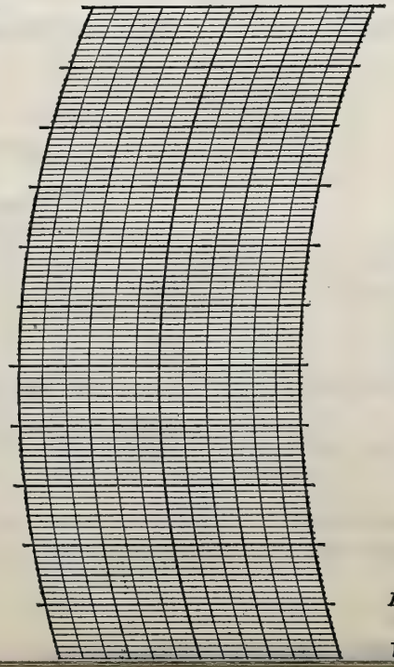
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 21.4 Wet temperature, 18.4
Dew-point, 10 R. humidity, 58 V. pressure, .063
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

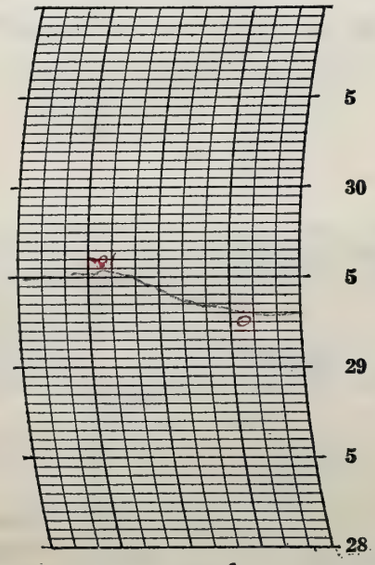
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJF

Verified by E.G.H.

NOTES

Sunshine to 7:30 am.
The cold wave warning issued yesterday was not quite verified. A mostly clear cold day.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 3 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	28	28	28	28	29	30	32	32	37	40	40	41	42	39	37	36	36	34	34	34	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← clear							partly cloudy X							cloudy →				
Sunshine (in tenths of hours)							0.1 8	0.6 0	0	0	1.0	1.0	0.7	0.4	0	0	0							
Wind direction	S.W	S	S	S	S	SW	SW	SW	S	SW	SW	SW	W	W	WN	N	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	8	10	9	7	7	5	5	7	6	8	8	8	5	4	7	6	7	7	7	8	6	7	8

Sunrise: Time, 6:49 Character, clear
Moonrise:
Sunset: Time, 4:13 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

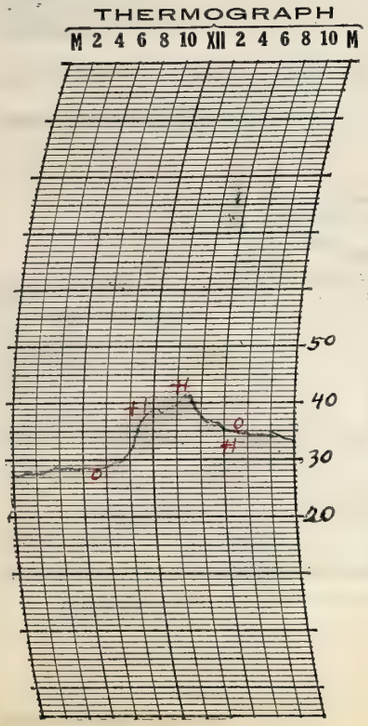
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
43	27	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., ____ inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, part cloudy Moon phase, ____
Average daily cloudiness (0-10), 5
Actual sunshine, hours, 4.1 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 44
Prevailing wind direction, NE & SW Total wind, 168
Average hourly velocity, 7.0 Extreme velocity, 12
Maximum velocity, 12 Direction, W
Time began, 12:11 pm
Reduced barometer, 30.33 7 a. m. 30.44 7 p. m.
River gage, 10.8 feet
Relative humidity, 67 7 a. m. 73 7 p. m.

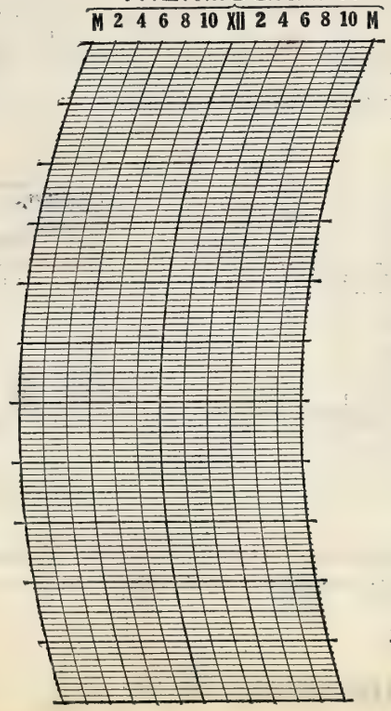
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.0 Wet temperature, 35.0
Dew-point, 28 R. humidity, 61 V. pressure, .150
Clouds: Amount, 2; Kind, cat; Direction, N
Velocity of clouds (miles per hour)

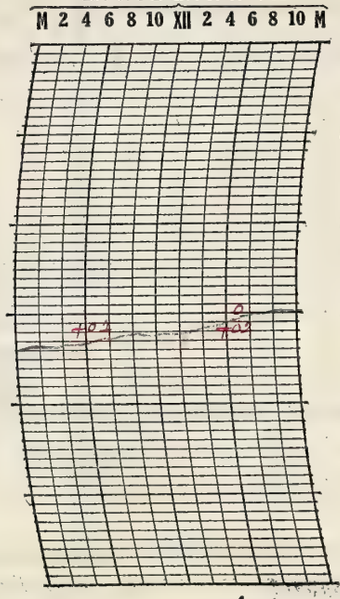
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.J.F.
Verified by C.H.H.

8—486

NOTES

Sunshine to 7:45 a.m.
A mostly clear morning followed by a partly cloudy to cloudy afternoon. Cloudy at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 4 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	32	31	32	32	32	33	34	36	37	38	40	41	41	41	40	40	40	39	39	38	38
State of weather: Nature of precipitation and time of beginning and ending			RB DN2	RE DN2							RB 10.40 RE 10.45													
Amounts of precipitation			T	T							T													
Cloudiness and other conditions						←					cloudy												→	
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	8	9	10	5	8	10	10	11	11	10	9	8	9	7	5	4	6	8	8	8	6	6	7	7

Sunrise: Time, 6:50 Character, cloudy
Moonrise:
Sunset: Time, 4:13 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

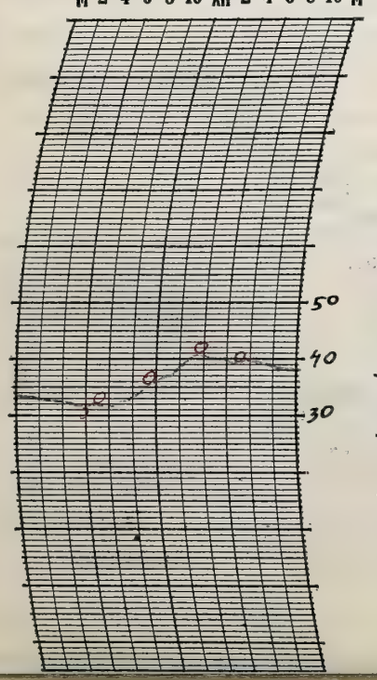
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
41	31	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 8.4
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 193
Average hourly velocity, 8.0 Extreme velocity, 13
Maximum velocity, 13 Direction, E
Time began, 7:03 2m.
Reduced barometer, 30.47 7 a. m. 30.33 7 p. m.
River gage, 70.7 feet
Relative humidity, 85 7 a. m. 74 7 p. m.

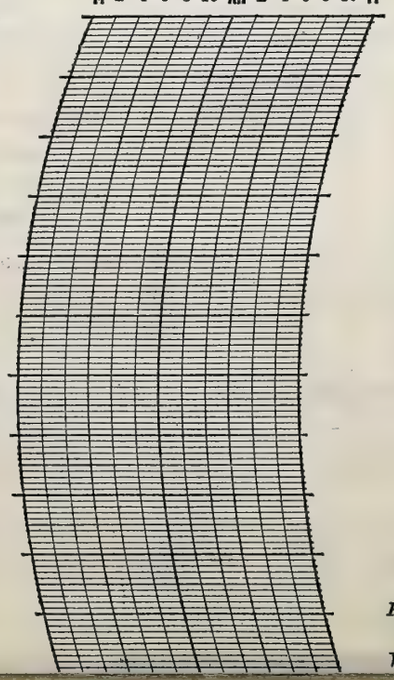
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 37.1 Wet temperature, 35.1
Dew-point, 32 R. humidity, 83 V. pressure, .180
Clouds: Amount, 4; Kind, Strat Direction, SE
Velocity of clouds (miles per hour)

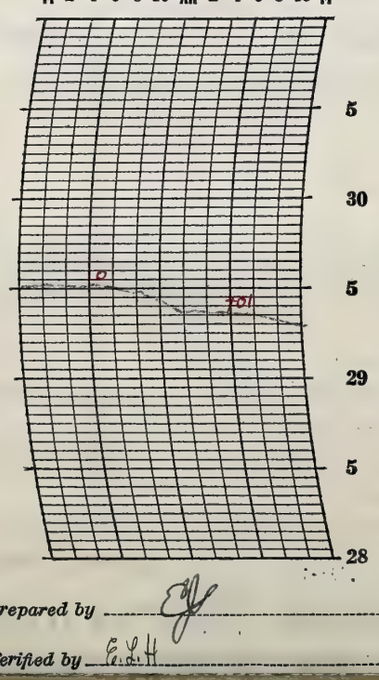
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.L.H.

NOTES

Tipping bucket inserted at 10:20 2m.
A cloudy day with two light sprinkles

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 5 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	38	37	36	36	37	37	36	37	38	40
State of weather: Nature of precipitation and time of beginning and ending				RB DN	RE DN							
Amounts of precipitation				T	T							
Cloudiness and other conditions						←			cloudy			→
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	E	E	E	NE	E	E	E	E	E	E	NE	E
Wind movement	9	9	5	6	6	8	8	6	7	5	6	6
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	42	42	42	41	41	40	40	39	39	40	40
State of weather: Nature of precipitation and time of beginning and ending				RB 7:35								R cont
Amounts of precipitation				T	.01	.02	.02	T	.08	.04	.06	.06
Cloudiness and other conditions							cloudy					→
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	NE	NE	NE	NE	NE	NE
Wind movement	5	7	6	6	6	7	8	8	9	9	8	6
Maximum velocities (exceeding 24 miles) direction and time												

Sunrise: Time, 6:51 Character, cloudy
Moonrise:

Sunset: Time, 4:13 Character, cloudy
Moonset:

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	36	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0.3 ins.
Total precipitation, midnight to midnight, .29 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, E Total wind, 166
Average hourly velocity, 6.9 Extreme velocity, 14
Maximum velocity, 14 Direction, E
Time began, 1:02 am.
Reduced barometer, 30.17 7 a. m. 30.02 7 p. m.
River gage, 0.7 feet
Relative humidity, 87 7 a. m. 86 7 p. m.

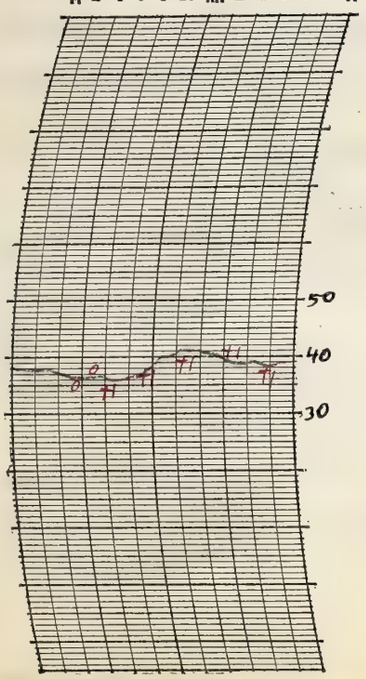
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

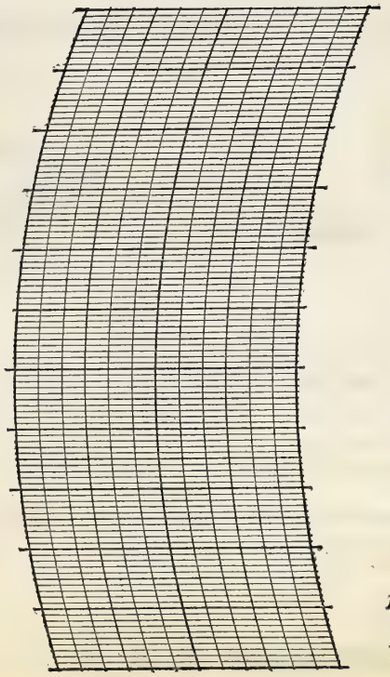
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 40.1 Wet temperature, 37.1
Dew-point, 33 R. humidity, 76 V. pressure, .187
Clouds: Amount, 10; Kind, st; Direction, E
Velocity of clouds (miles per hour)

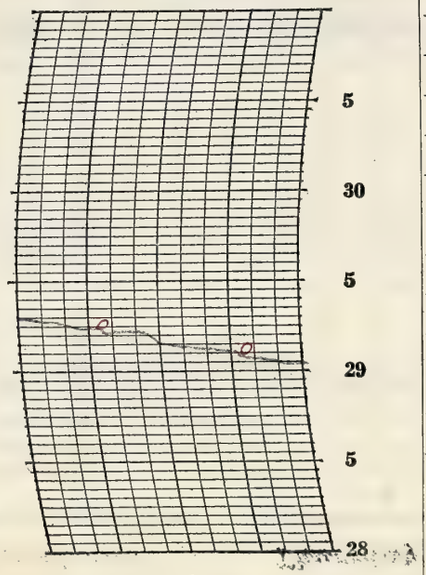
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.H.H.

8—486

NOTES

A cloudy day followed by rain in late afternoon and at night. A steady gentle rain. Poor flying conditions. Streets slippery at night and visibility poor for driving.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 6 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	40	40	40	39	39	39	39	40	41	42
State of weather: Nature of precipitation and time of beginning and ending	R cont.						RE 6:35	RB 7:15 RE 7:30				
Amounts of precipitation	.02	.01	T	.01	.01	.01	.01	T				
Cloudiness and other conditions	← cloudy →											
Sunrise: Time, Character, 6:52 cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NE	NE	NE	NE	NE	NE	NE	N	N	N	W	W
Wind movement	7	7	6	6	5	4	4	5	4	5	6	7
Maximum velocities (exceeding 24 miles) direction and time												

	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	41	40	40	40	40	40	39	39	38
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character, 4:13 cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	NW	NW
Wind movement	9	9	10	11	11	11	10	8	9	7	8	6
Maximum velocities (exceeding 24 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
42	38	40	

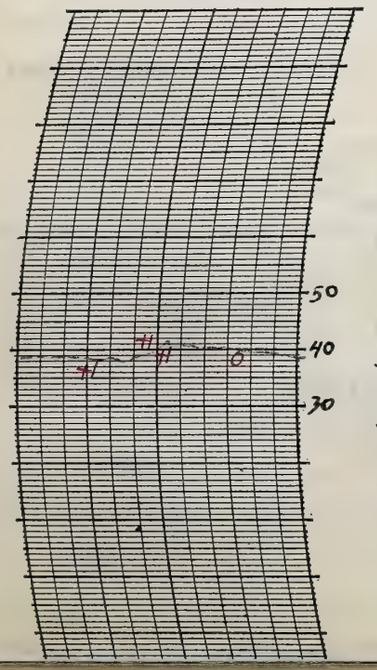
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.3 hrs.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.4
Per cent of possible sunshine, 0
Prevailing wind direction, NW Total wind, 175
Average hourly velocity, 7.3 Extreme velocity, 18
Maximum velocity, 16 Direction, NW
Time began, 4:19 pm.
Reduced barometer, 29.96 a. m. 30.01 p. m.
River gage, +0.8 feet
Relative humidity, 96 a. m. 91 p. m.

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

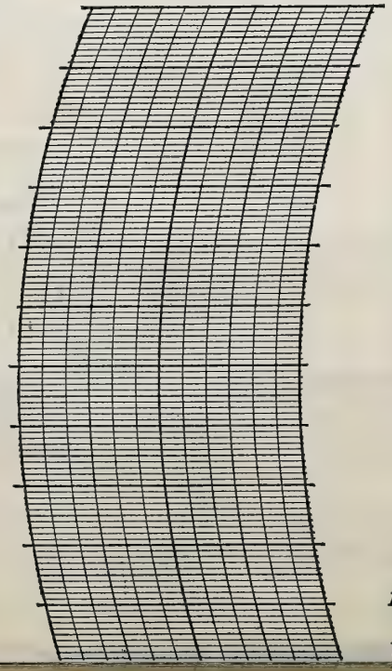
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 41.9 Wet temperature, 40.9
Dew-point, 40 R. humidity, 93 V. pressure, .247
Clouds: Amount, 4 at cu; Kind, at; Direction, SW
Velocity of clouds (miles per hour)

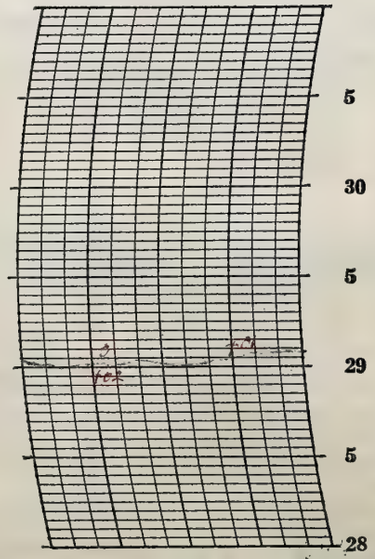
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by Eofs

Verified by E.L.H.

NOTES

A foggy morning followed by light fog and then heavy haze. Low ceilings and very poor flying conditions. The first airmail was unable to take off.

Dense fog began 6:35 am ended 8:30 am
Light fog began 8:30 am ended 10:40 am

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 7 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	37	37	37	37	36	35	35	35	34	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	NW	NW	NW	NW	NW	W	W	SW	W	W	SW	W
Wind movement	6	6	8	8	7	7	9	9	10	9	8	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	32	32	32	32	32	32	32	32	32
State of weather: Nature of precipitation and time of beginning and ending			RB 2:50									RE DN P
Amounts of precipitation			T	T	T	T	T	T	T	T	T	T
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	NW	W	W	W	W
Wind movement	10	11	11	10	8	7	8	8	8	5	7	7

Cloudy

Sunrise: Time, 6:53 Character, Cloudy

Moonrise:

Sunset: Time, 4:13 Character, Cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

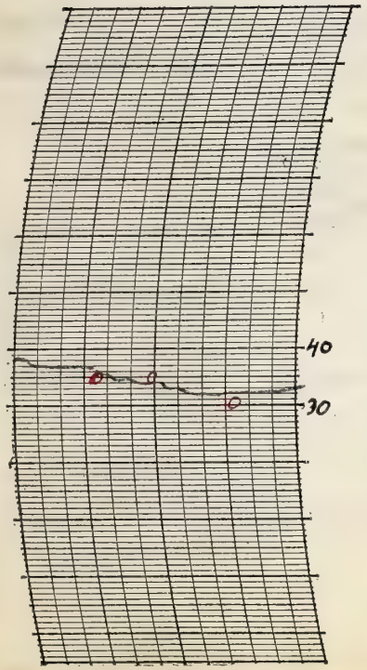
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	32	35	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 8.3
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 196
Average hourly velocity, 8.2 Extreme velocity, 18
Maximum velocity, 12 Direction, W
Time began, 3:02 p.m.
Reduced barometer, 29.99 7 a. m. 30.01 7 p. m.
River gage, 70.8 feet
Relative humidity, 90 7 a. m. 95 7 p. m.

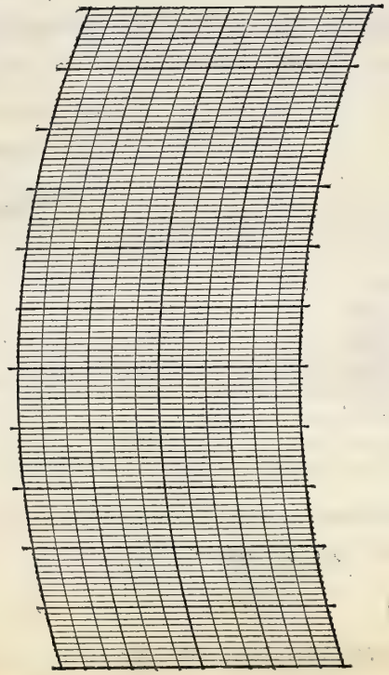
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 34.5 Wet temperature, 33.3
Dew-point, 32 R. humidity, 89 V. pressure, 18.0
Clouds: Amount, 10; Kind, St; Direction, W
Velocity of clouds (miles per hour)

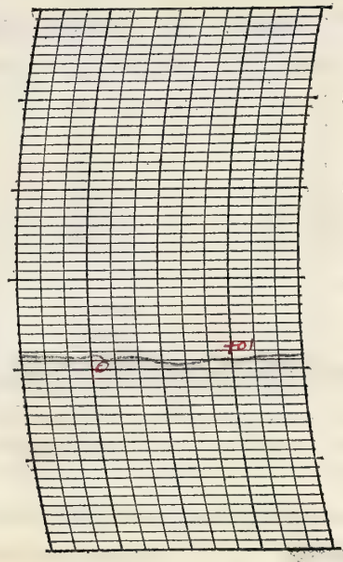
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.H.

8—486

NOTES

Low ceilings 300 feet or less and poor visibility again held the mail plane on the ground.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 8 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	33	33	33	33	34	33	33	34	34	34	34	33	33	33	32	32	32	32	32	32	32
State of weather: Nature of precipitation and time of beginning and ending										SMB 9:00 SME 9:45			SMB 12:00 SME 12:20p										
Amounts of precipitation										T			T											
Cloudiness and other conditions						←						Cloudy												→
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	W	NW	NW	W	W	W	W	W	W	W	SW	SW	SW	W	W	WSW		W	SW	SW	SW	SW	SW	SW
Wind movement	7	7	7	7	7	7	6	7	7	8	9	9	8	9	10	10	10	11	11	14	13	13	15	13
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 6:54 Character, Cloudy

Moonrise:

Sunset: Time, 4:13 Character, Cloudy

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	32	33	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 0

Prevailing wind direction, W Total wind, 225

Average hourly velocity, 9.4 Extreme velocity, 19

Maximum velocity, 18 Direction, SW

Time began, 8:31 pm.

Reduced barometer, 30.08 7 a. m. 30.05 7 p. m.

River gage, 70.8 feet

Relative humidity, 85 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

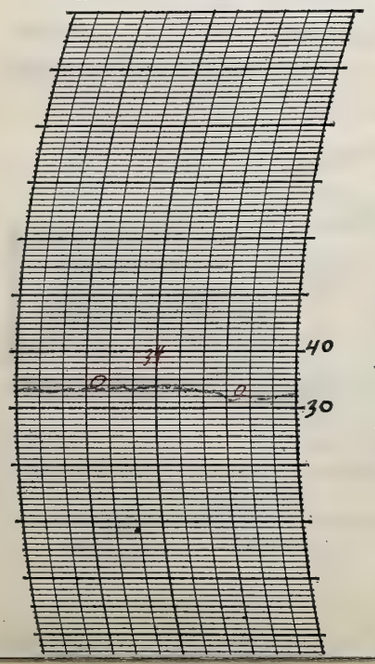
Dry temperature, 34.0 Wet temperature, 33.0

Dew-point, 32 R. humidity, 90 V. pressure, .180

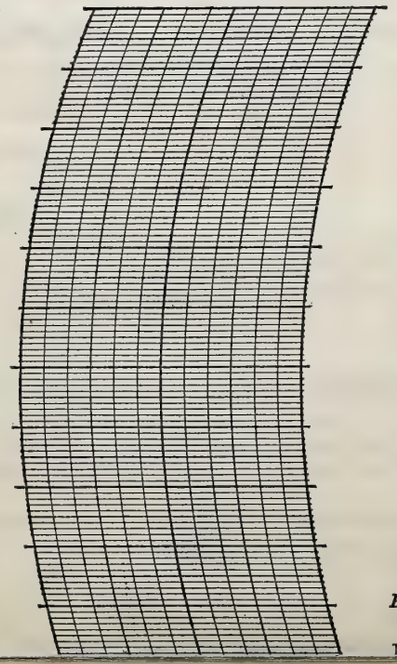
Clouds: Amount, 10; Kind, stratus Direction, SW

Velocity of clouds (miles per hour)

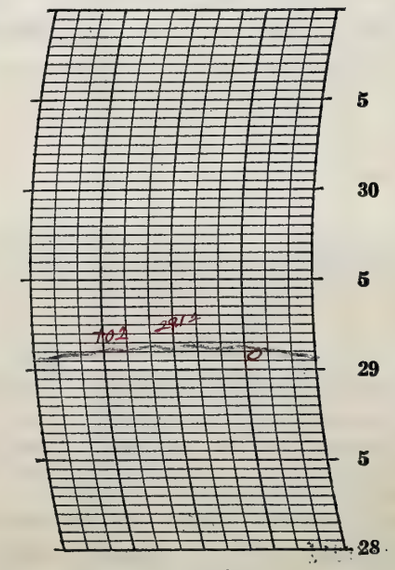
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by E.Y.H.

NOTES

The two light spits of snow did not amount to anything. Ceiling and visibility in the morning fair to poor. The first mail plane to leave Fort Wayne departed at 7:45 am and returned at 8:35 am. Conditions were a little better in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 9 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	31	32	31	32	32	33	35	39	43	46	48	49	50	49	47	45	43	42	40	39	39	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0.08 0	1.0 0	1.0 0	0.8 0.8	1.0	1.0	1.0	1.0	0.4 0.6	1.0 0	0.22 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	W	W
Wind movement	12	10	9	10	10	10	12	12	13	13	16	14	13	14	12	9	7	9	6	7	6	5	7	2
Maximum velocities (exceeding 24 miles) direction and time																								

clear

Sunrise: Time, 6:55 Character, clear

Moonrise:

Sunset: Time, 4:13 Character, clear

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	31	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, clear Moon phase,

Average daily cloudiness (0-10), 1

Actual sunshine, hours, 9.3 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 100

Prevailing wind direction, SW Total wind, 238

Average hourly velocity, 9.9 Extreme velocity, 22

Maximum velocity, 21 Direction, SW

Time began, 10:56 2m.

Reduced barometer, 29.91 7 a. m. 29.88 7 p. m.

River gage, 10.8 feet

Relative humidity, 90 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

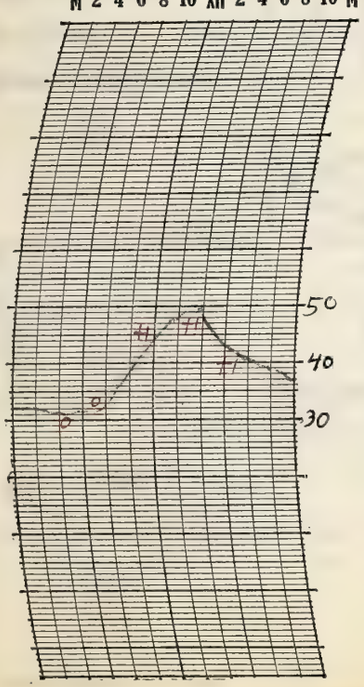
Dry temperature, 45.6 Wet temperature, 40.1

Dew-point, 33 R. humidity, 62 V. pressure, 18.2

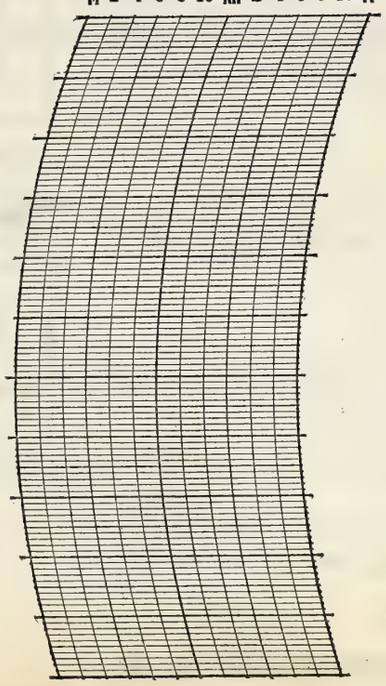
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

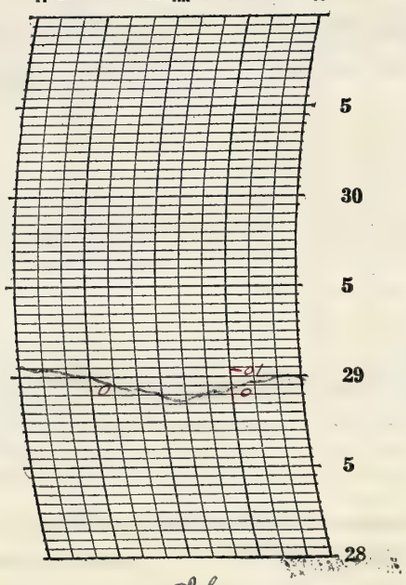
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.L.H.

8—486

NOTES

a mostly clear day

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 10 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	36	35	36	36	36	36	37	39	41	44	47
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						?	← Lt Fog					
Sunshine (in tenths of hours)							0	0	0	0	0.4	0.3
Wind direction	W	S	SW	SW	SW	S	SE	SE	SE	SE	S	S
Wind movement	2	5	4	4	2	2	5	4	5	5	2	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	49	49	48	48	48	50	48	47	46	46
State of weather: Nature of precipitation and time of beginning and ending								RB 7:30				R cont
Amounts of precipitation								T	T	T	T	.01
Cloudiness and other conditions								cloudy →				
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	S	S	S	S	SW	S	SW	SW	SW	SW	SW	SW
Wind movement	10	10	11	14	14	13	12	13	9	6	11	13

Sunrise: Time, 6.55 Character, cloudy
Moonrise:
Sunset: Time, 4.13 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

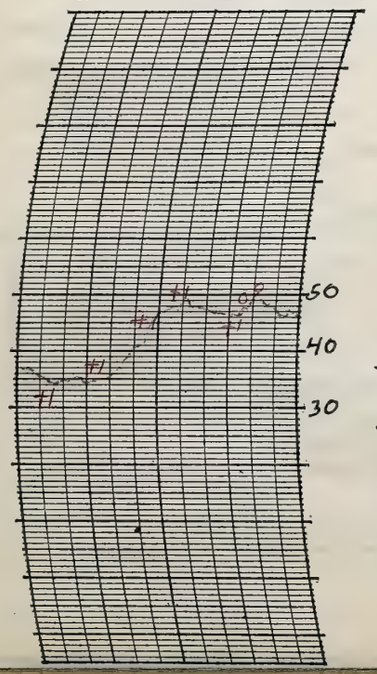
Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
50	35	42	

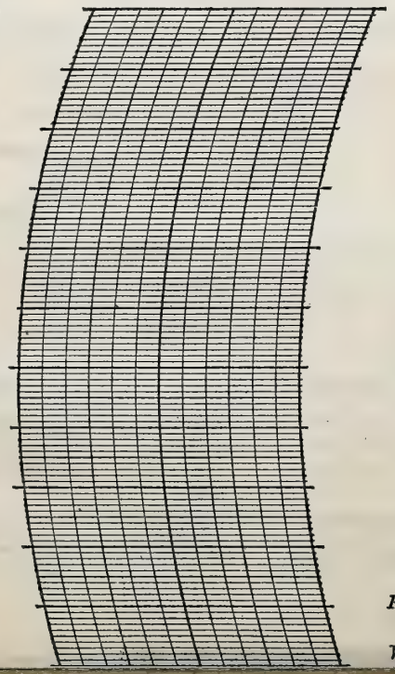
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.7 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 8
Prevailing wind direction, SW Total wind, 190
Average hourly velocity, 7.9 Extreme velocity, 17
Maximum velocity, 16 Direction, SW
Time began, 7:30 pm.
Reduced barometer, 29.90 7 a. m. 29.78 7 p. m.
River gage, +0.8 feet
Relative humidity, 95 7 a. m. 67 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)
Dry temperature, 47.4 Wet temperature, 42.9
Dew-point, 38 R. humidity, 69 V. pressure, .228
Clouds: Amount, 8; Kind, cst; Direction, SW
Velocity of clouds (miles per hour)

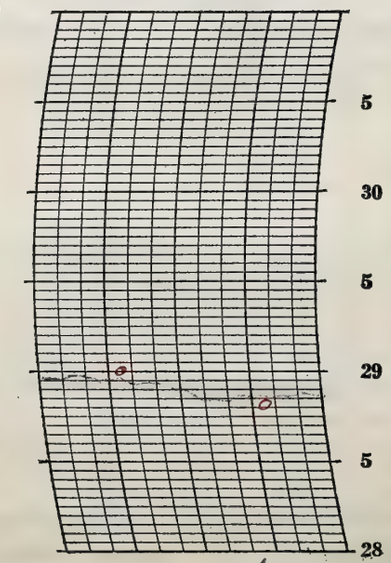
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]
Verified by E.L.H

NOTES

Tipping bucket inserted 7:00 am.
A cloudy day followed by light rain at night. The streets were slippery and visibility poor from 7:30 pm to midnight
Light fog DN2 - 10:30 am.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 11 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	45	44	45	44	44	41	43	45	47	49
Nature of precipitation and time of beginning and ending	R cont					RF 5:10						
Amounts of precipitation	.01	T	T	T	.01	T						
Cloudiness and other conditions	← cloudy									clear		
Sunshine (in tenths of hours)							0.07 0	1.0 0	0.3 0.7	1.0	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	12	10	8	8	9	11	10	10	11	13	14

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	51	51	50	48	43	39	38	35	35	35	35
Nature of precipitation and time of beginning and ending								S MB 7:00 S ME 7:40				
Amounts of precipitation								T				
Cloudiness and other conditions	clear							cloudy →				
Sunshine (in tenths of hours)	1.0	1.0	1.0	0.4	0							
Wind direction	SW	SW	SW	SW	SW	W	W	W	W	W	W	W
Wind movement	15	16	13	12	15	18	17	15	17	12	12	11

Sunrise: Time, 6:56 Character, clear

Moonrise:

Sunset: Time, 4:13 Character, cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
52	35	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0.3 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, clear Moon phase,

Average daily cloudiness (0-10), 2

Actual sunshine, hours, 8.5 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 93

Prevailing wind direction, SW Total wind, 303

Average hourly velocity, 12.6 Extreme velocity, 23

Maximum velocity, 22 Direction, W

Time began, 5:15 pm.

Reduced barometer, 29.28 7 a. m. 29.82 7 p. m.

River gage, +0.5 feet

Relative humidity, 85 7 a. m. 62 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

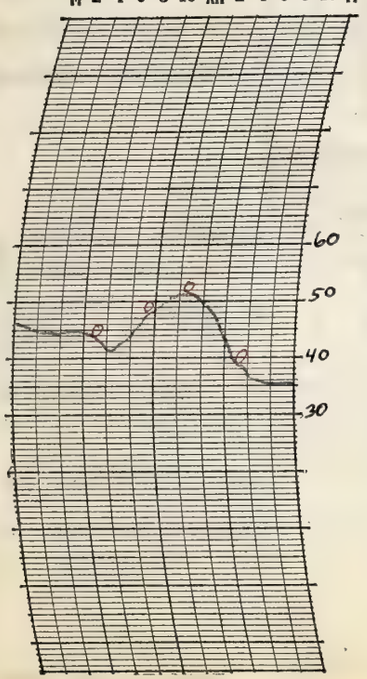
Dry temperature, 48.7 Wet temperature, 42.2

Dew-point, 35 R. humidity, 55 V. pressure, .203

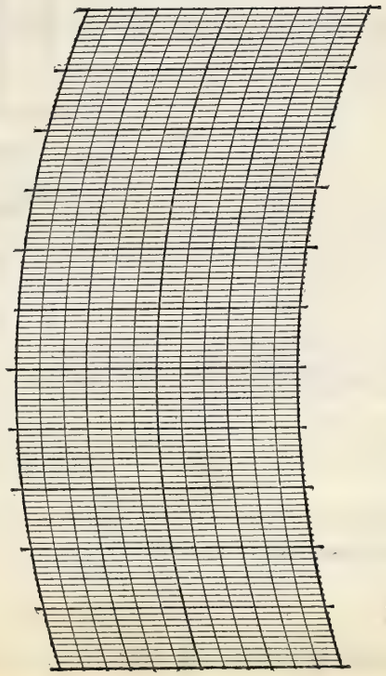
Clouds: Amount, 0; Kind, 0; Direction, 0

Velocity of clouds (miles per hour)

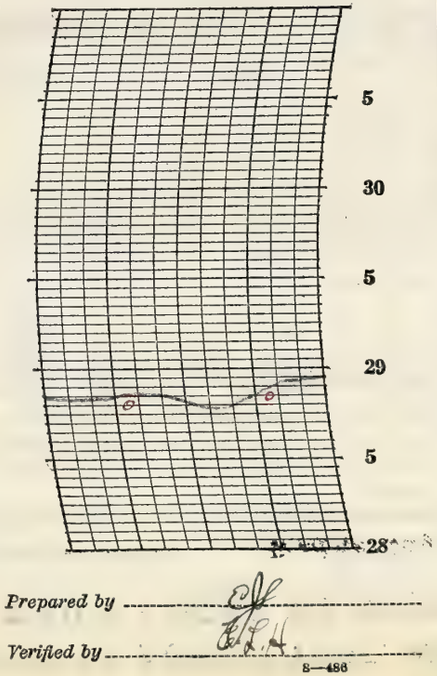
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

Cloudy in the early morning and at night but clear during the day. Good flying weather. A few flakes of snow fell at night and melted as they fell.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind. (Day of week) Friday, (Date) DEC 12 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	36	36	36	37	36	35	37	37	37
State of weather: Nature of precipitation and time of beginning and ending					RB 4:10		RE 6:15	RB 7:20	RE 8:40		RB 10:00 RE 10:30	
Amounts of precipitation					T	T	T	T	T		T	
Cloudiness and other conditions					cloudy							
Sunrise: Time, Character,	6:57 cloudy											
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	W	W	NW	W	W	W	NW	NW
Wind movement	13	15	13	13	11	11	10	8	9	10	15	12
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	37	37	36	36	36	35	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunset: Time, Character,									4:23 cloudy			
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	NW	W	W	W	W	W	W	W	W
Wind movement	12	9	11	11	9	9	7	7	6	5	4	4
Maximum velocities (exceeding 24 miles) direction and time												

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	34	36	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 0
Prevailing wind direction, W Total wind, 234
Average hourly velocity, 9.8 Extreme velocity, 20
Maximum velocity, 19 Direction, W
Time began, 1:14 am
Reduced barometer, 30.05 7 a. m. 30.22 7 p. m.
River gage, 0.9 feet
Relative humidity, 87 7 a. m. 75 7 p. m.

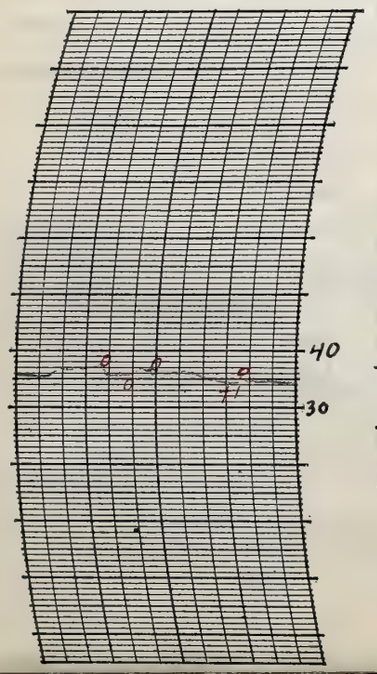
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

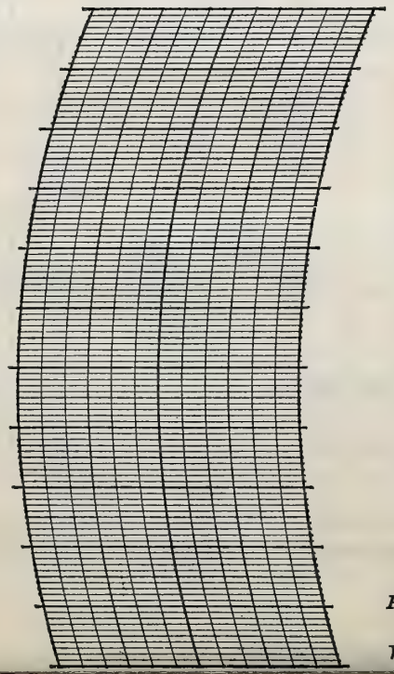
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 32.2 Wet temperature, 34.2
Dew-point, 24 R. humidity, 2 ew V. pressure, W
Clouds: Amount, 3.0; Kind, 74; Direction, 164
Velocity of clouds (miles per hour)

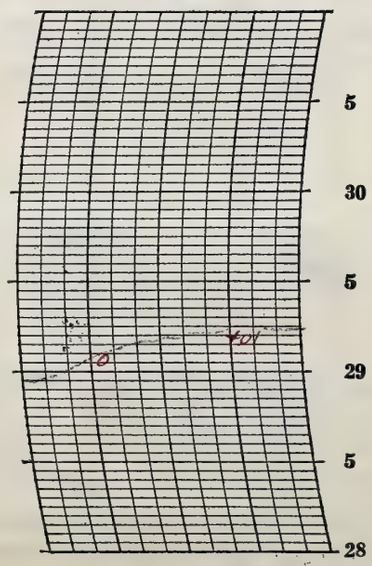
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.J.S.

Verified by E.S.H.

NOTES

A cloudy threatening day with an occasional light sprinkle. Cloudy at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind. (Day of week) Saturday, (Date) DEC 13 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	33	33	33	33	33	33	34	34	34
State of weather: Nature of precipitation and time of beginning and ending												SMB 11:05 SME 11:30
Amounts of precipitation												T
Cloudiness and other conditions						←						→
Sunrise: Time, Character,	6:58 cloudy											
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	W	W	W	W	SW	SE	S	SE	S	SE	E	E
Wind movement	4	4	3	3	3	4	4	3	3	6	6	6

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	35	34	34	35	34	34	34	34	34	34	34
State of weather: Nature of precipitation and time of beginning and ending										SDB 9:00		SDE 11:30
Amounts of precipitation										T	T	T
Cloudiness and other conditions												
Sunset: Time, Character,									4:13 cloudy			
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	E	E	E	NE	NE
Wind movement	6	7	6	7	1	9	6	6	5	6	4	4

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	33	34	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, E Total wind, 122

Average hourly velocity, 5.1 Extreme velocity, 10

Maximum velocity, 10 Direction, E

Time began, 5:02 p.m.

Reduced barometer, 30.11 a. m. 29.93 p. m.

River gage, 7.01 feet

Relative humidity, 80 a. m. 86 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

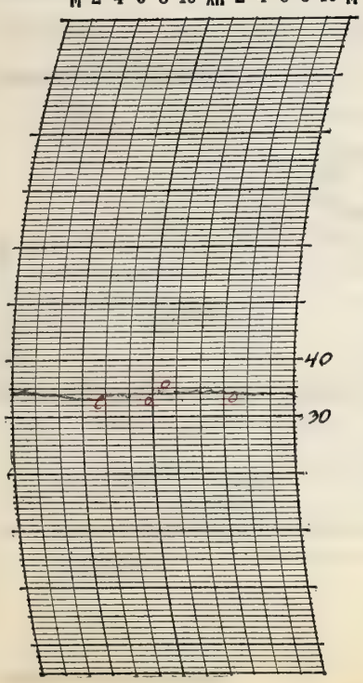
Dry temperature, 34.0 Wet temperature, 32.5

Dew-point, 30 R. humidity, 86 V. pressure, .164

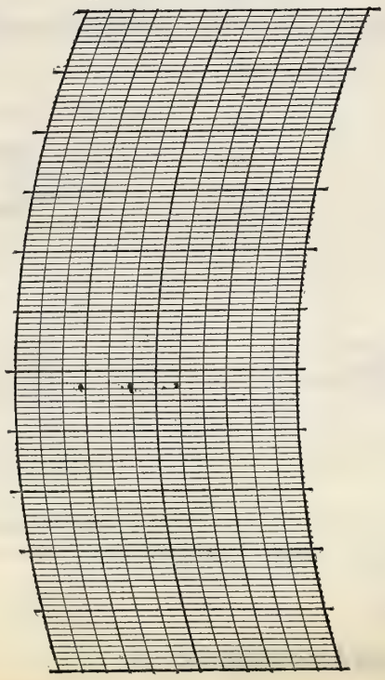
Clouds: Amount, 10; Kind, st; Direction, E

Velocity of clouds (miles per hour)

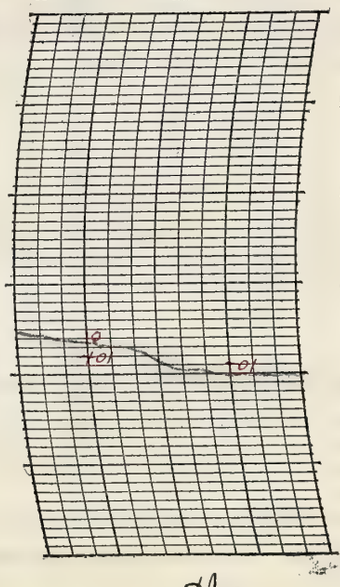
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJS

Verified by E.A.H.

8—486

NOTES

A cloudy threatening day. Visibility poor until 10:00 am and again after 4:00 pm. Only a few flakes of snow fell.

The tipping bucket was removed during the 2 m. observation.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 14 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	33	33	32	32	31	31	32	32	33	34
Nature of precipitation and time of beginning and ending			SDB DN2							SDE 10:00		
Amounts of precipitation			T	T	T	T	.01	T	T	T		
Cloudiness and other conditions												
Sunrise: Time, 6:58 Character, cloudy												
Moonrise:												
Sunshine (in tenths of hours)							0	0	0	0	0	0
Wind direction	N	NE	NE	NE	N	N	N	N	N	NE	N	N
Wind movement	4	5	4	4	5	4	5	3	4	5	2	2

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	35	35	34	33	32	31	31	30	30	30	29
Nature of precipitation and time of beginning and ending		SDB 1:30										SDE 11:15
Amounts of precipitation		T	T	T	T	T	T	T	T	T	T	T
Cloudiness and other conditions												
Sunset: Time, 4:73 Character, cloudy												
Moonset:												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	N	N	N	N	N	N	NE	NE	NE	NE	NE
Wind movement	3	4	5	9	8	9	9	9	9	8	10	12

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
35	29	32	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, ... Moon phase, ...

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, N Total wind, 142

Average hourly velocity, 5.9 Extreme velocity, 14

Maximum velocity, 14 Direction, NE

Time began, 11:49 pm

Reduced barometer, 29.99 7 a. m. 30.18 7 p. m.

River gage, 1.97 feet

Relative humidity, 95 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

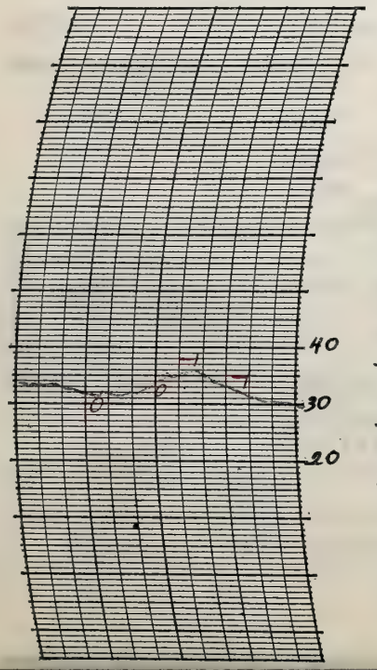
Dry temperature, 34.0 Wet temperature, 32.2

Dew-point, 29 R. humidity, 83 V. pressure, .157

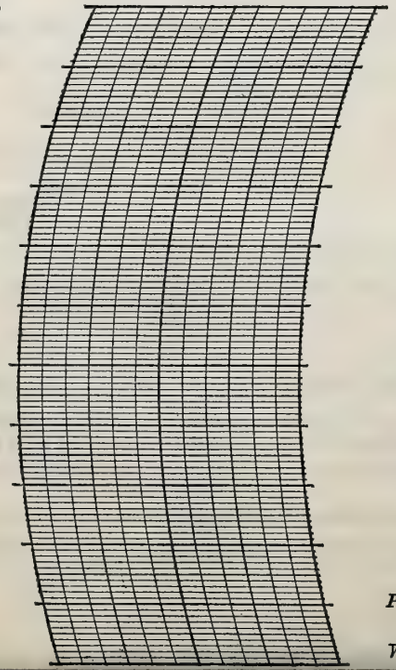
Clouds: Amount, 3 ; Kind, Cu Direction, N

Velocity of clouds (miles per hour)

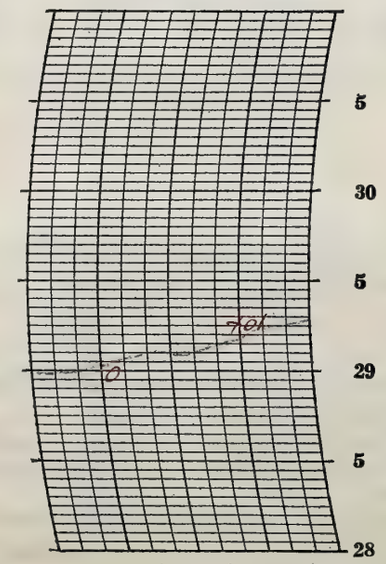
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJ

Verified by E.S.H.

NOTES

Occasional very light snow occurred during the day and night. Visibility good.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 15 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	27	26	25	23	20	19	18	17	18	20	22
State of weather: Nature of precipitation and time of beginning and ending								SDB 7:30 SDE 7:45				
Amounts of precipitation								T				
Cloudiness and other conditions						Clear		Cldy		Pt Cldy		
Sunshine (in tenths of hours)							0	0	0.4	1.0	1.0	0.8
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	12	13	11	14	14	11	11	13	13	12	10	11

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	21	21	20	18	17	16	15	14	13	12	12
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							Clear					
Sunshine (in tenths of hours)	0.7	0.6	0.5	0.9	0.23							
Wind direction	N	N	N	N	N	N	N	N	N	NE	N	NE
Wind movement	11	11	12	12	11	10	9	10	10	10	8	5

Sunrise: Time, 6:59 Character, Clear

Moonrise:

Sunset: Time, 4:17 Character, Clear

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	12	20	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, part cloudy Moon phase,

Average daily cloudiness (0-10), 4

Actual sunshine, hours, 6.9 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 75

Prevailing wind direction, N Total wind, 264

Average hourly velocity, 11.0 Extreme velocity, 20

Maximum velocity, 18 Direction, N

Time began, 4:12 2m

Reduced barometer, 30.41 7 a. m. 30.64 7 p. m.

River gage, 70.2 feet

Relative humidity, 72 7 a. m. 79 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

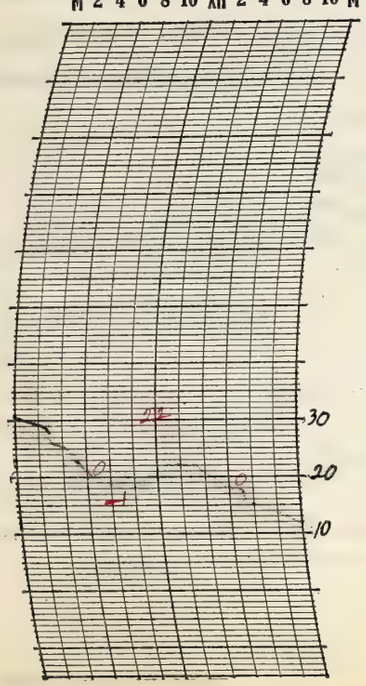
Dry temperature, 22.1 Wet temperature, 19.1

Dew-point, 11 R. humidity, 59 V. pressure, .066

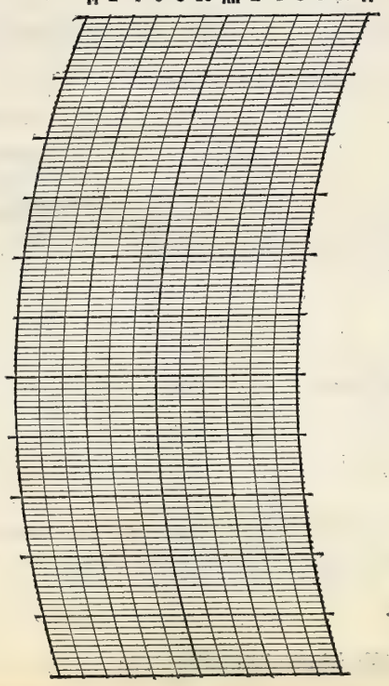
Clouds: Amount, 4; Kind, cu.; Direction, NE

Velocity of clouds (miles per hour)

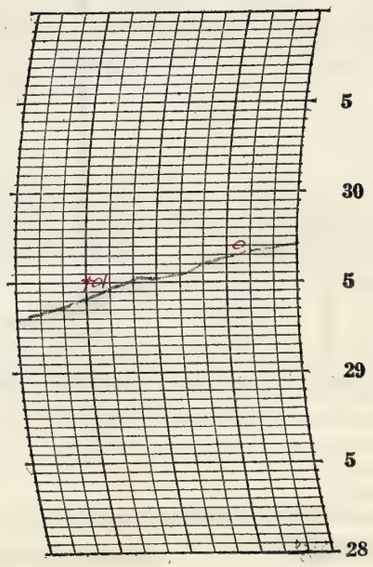
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. H.

Verified by E. H.

8—486

NOTES

Sunshine observed from 7:35 am. A few snow flakes in the early morning followed by a partly cloudy to clear day. Good flying conditions.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 16 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	12	11	11	10	10	10	10	10	12	15	18	21	22	24	25	24	23	23	22	20	20	19	18	17
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<					clear													>
Sunshine (in tenths of hours)								10 0	10 0	10 0	01 09	10	10	10	01 09	10 0	023 0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	SE	SE	SE	SE	SE	E	E	E	E	E	E	E	E
Wind movement	6	4	3	2	4	3	3	4	4	5	6	6	6	5	6	6	6	5	5	5	6	6	6	6

Sunrise: Time, 7.00 Character, clear
Moonrise:
Sunset: Time, 4.14 Character, clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

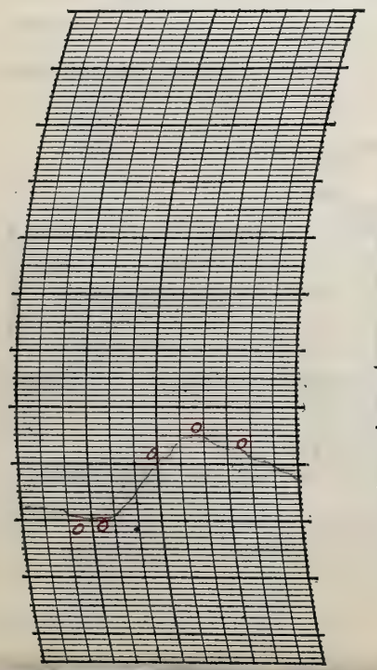
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	10	18	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0-10), Few
Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 100
Prevailing wind direction, E Total wind, 118
Average hourly velocity, 7.9 Extreme velocity, 8
Maximum velocity, 8 Direction, E
Time began, 8.05 pm
Reduced barometer, 30.73 7 a. m. 30.53 7 p. m.
River gage, 7.0.7 feet
Relative humidity, 83 7 a. m. 65 7 p. m.

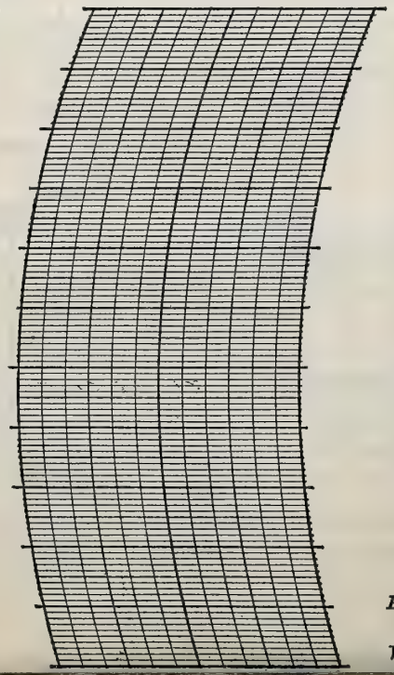
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.4 Wet temperature, 16.4
Dew-point, -2 R. humidity, 31 V. pressure, .034
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

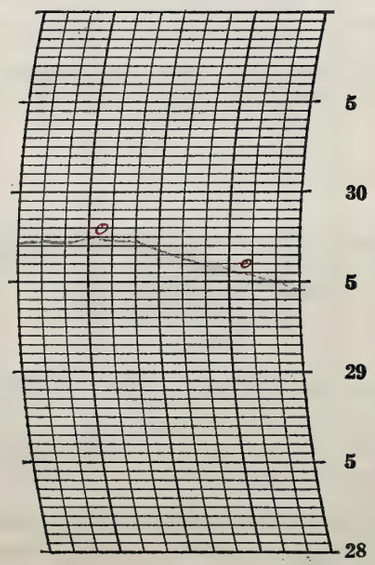
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJJ

Verified by E.J.H.

NOTES

A clear, beautiful day, flying conditions excellent.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 17 1930, 193

Time (local standard) 90 mer. normal time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	15	15	13	13	12	12	13	15	17	21	26	29	31	32	32	31	30	29	28	26	25	24	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<pt cldy						clear									← fog →			
Sunshine (in tenths of hours)								0	1.0 0	0.5 0.3	1.0	1.0	0.8	0.4	0.5 0	1.0 0	0							
Wind direction	E	E	NE	NE	E	NE	NE	E	E	E	NE	NE	NE	E	NE	NE	NE	NE	E	E	E	E	E	SE
Wind movement	6	5	5	6	5	6	6	5	7	6	6	5	4	5	4	4	4	3	4	4	2	2	3	3

Sunrise: Time, 7:01 Character, cloudy
Moonrise:
Sunset: Time, 4:14 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

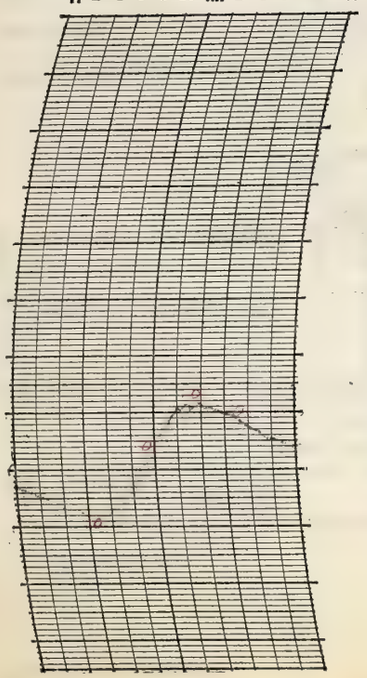
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	12	22	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0-10), 1
Actual sunshine, hours, 6.5 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 71
Prevailing wind direction, E Total wind, 110
Average hourly velocity, 4.6 Extreme velocity, 8
Maximum velocity, 8 Direction, NE
Time began, 3:00 pm
Reduced barometer, 30.33 7 a. m. 30.15 7 p. m.
River gage, 10.2 feet
Relative humidity, 76 7 a. m. 83 7 p. m.

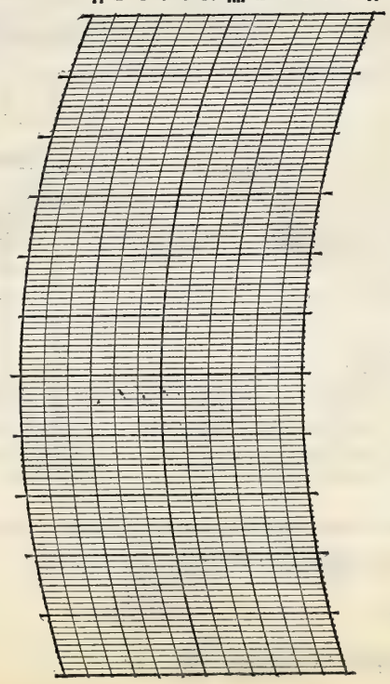
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 26.1 Wet temperature, 23.6
Dew-point, 18 R. humidity, 69 V. pressure, .093
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

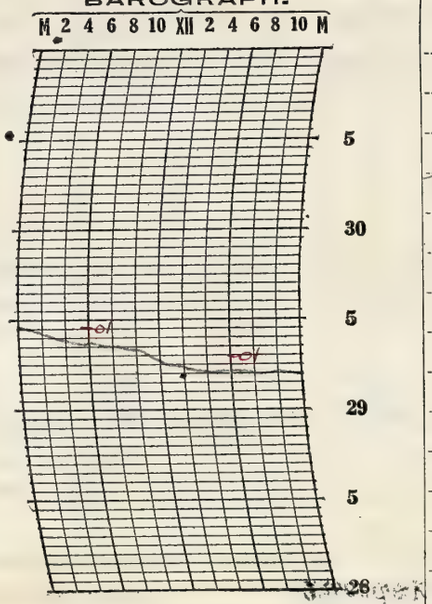
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.H.L.

8—486

NOTES

A clear, beautiful day followed by light fog at night. Visibility poor from 5:00pm to midnight. Moisture formed on windshields.
Light fog 8:00p - cont

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 18 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	23	23	23	22	24	25	27	28	29	30	32	33	34	34	33	32	32	32	32	32	32	33
State of weather: Nature of precipitation and time of beginning and ending										RB 9:30			RE 12:30					SMB 5:00						SM bad
Amounts of precipitation										T	.01	T	.01					T	.01	T	T	.01	T	T
Cloudiness and other conditions						Dyll		Fog																

Sunrise: Time, 7:01 Character, cloudy

Moonrise:

Sunset: Time, 4:15 Character, cloudy

Moonset:

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SE	SE	SE	SE	SE	S	S	S	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	SW
Wind movement	2	2	4	5	6	7	7	8	7	8	9	7	9	8	11	9	10	8	9	7	10	9	10	10
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	22	28	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.

Snow, sleet, and hail on ground 7 p. m., 0.3 inches.

Total snowfall, midnight to midnight, 0.4 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 1.03 ins.

Total precipitation, midnight to midnight, 1.04 inches.

Character of day, cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, S Total wind, 182

Average hourly velocity, 7.6 Extreme velocity, 12

Maximum velocity, 12 Direction, S

Time began, 4:17 pm.

Reduced barometer, 30.12 7 a. m. 29.97 7 p. m.

River gage, -0.3 feet

Relative humidity, 87 7 a. m. 95 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

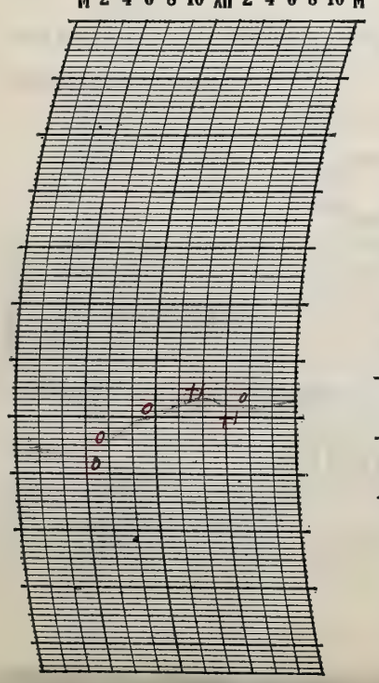
Dry temperature, 30.4 Wet temperature, 30.0

Dew-point, 30 R. humidity, 96 V. pressure, .164

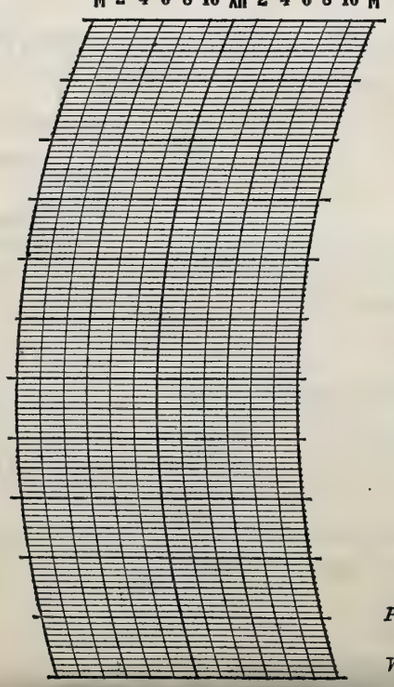
Clouds: Amount, 10; Kind, St-Cu; Direction, S

Velocity of clouds (miles per hour)

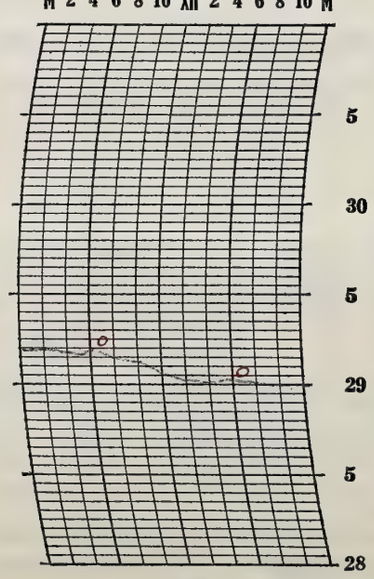
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJ

Verified by E.L.H.

NOTES

The light fog continued from the 17th until 1:30 pm, visibility poor - flying conditions not so good. A fine mist occurred in the morning followed by somewhat heavier precipitation in the afternoon.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 19 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	32	32	32	32	32	32	32	33	34
Nature of precipitation and time of beginning and ending	SM cont							SM E 8.00				
Amounts of precipitation	.01	T	T	T	T	T	.01	T				
Cloudiness and other conditions						←				Cloudy		
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	S	S	S	SW	SW	SW	SW
Wind movement	9	9	9	9	7	8	10	9	11	10	9	8

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	34	33	33	33	32	32	32	31	31	30
Nature of precipitation and time of beginning and ending		SM B 1.05		SM E 3.30								
Amounts of precipitation		T	T	.01								
Cloudiness and other conditions											→	
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	S	S	S	SW	SW	SW	W	SW	SW	SW	SW
Wind movement	11	10	11	10	10	11	9	7	9	10	8	8

Sunrise: Time, 7:02 Character, cloudy

Moonrise:

Sunset: Time, 4:15 Character, cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
34	30	32	

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.

Snow, sleet, and hail on ground 7 p. m., 0.2 inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0.1 ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 222

Average hourly velocity, 9.2 Extreme velocity, 14

Maximum velocity, 14 Direction, SW

Time began, 5:23 pm

Reduced barometer, 29.91 7 a. m. 29.89 7 p. m.

River gage, -0.5 feet

Relative humidity, 95 7 a. m. 88 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

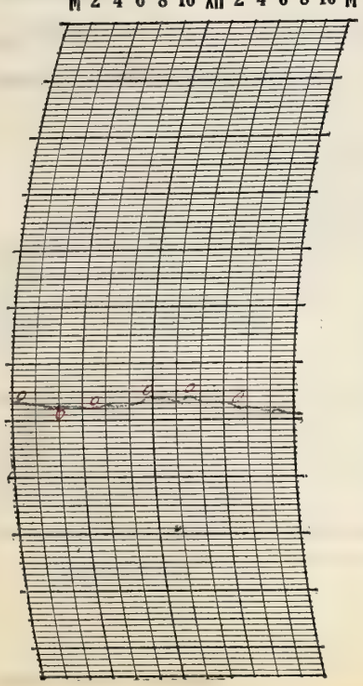
Dry temperature, 33.8 Wet temperature, 32.3

Dew-point, 30 R. humidity, 86 V. pressure, .164

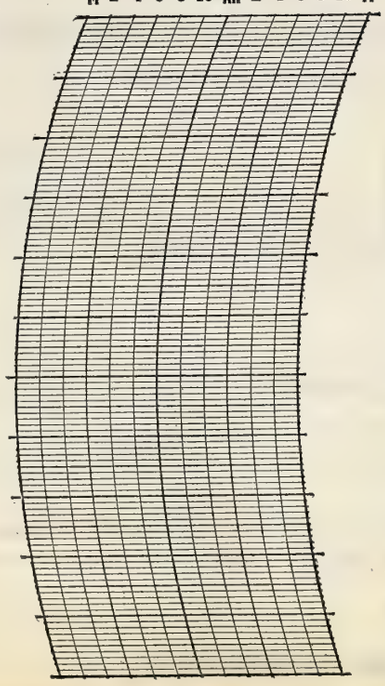
Clouds: Amount, 10; Kind, st; Direction, SW

Velocity of clouds (miles per hour)

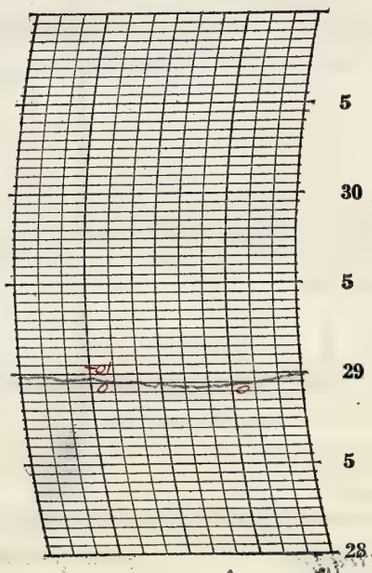
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

8—486

NOTES

a cloudy day, few snowflakes, visibility very poor in late afternoon - mail plane unable to get through at 5:22 pm. conditions worse north of station.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Saturday, (Date) DEC 20 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	30	30	29	25	24	26	28	31	34
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←			clear			
Sunshine (in tenths of hours)								0.97 0	1.0 0	0.6 04	1.0	1.0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	9	9	9	8	8	7	9	8	7	8	9	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	38	39	38	36	35	33	33	32	32	30	26
State of weather: Nature of precipitation and time of beginning and ending							SMB 6:00 SME 6:35			SMB 9:15P		SME 11:30P
Amounts of precipitation							T			.01	T	.01
Cloudiness and other conditions				X Pt cldy		X			cloudy		→	
Sunshine (in tenths of hours)	1.0	0.8	0.2	0	0							
Wind direction	S	S	SW	S	S	SE	S	S	SE	S	SW	W
Wind movement	8	8	8	6	7	8	11	8	10	9	12	14

Sunrise: Time, 7.02 Character, clear
Moonrise:

Sunset: Time, 4.15 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

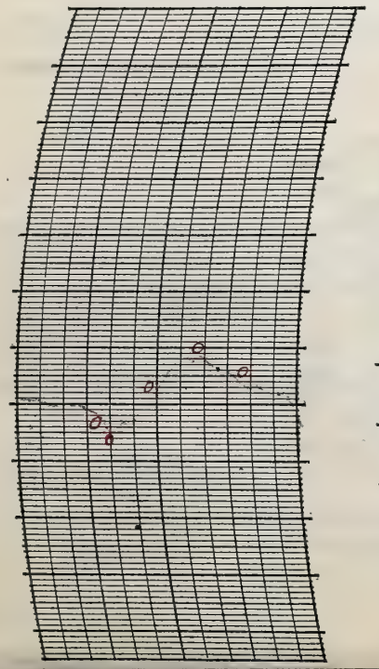
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
39	24	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0-10), 3
Actual sunshine, hours, 7.0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 76
Prevailing wind direction, SW Total wind, 209
Average hourly velocity, 8.7 Extreme velocity, 19
Maximum velocity, 18 Direction, SW
Time began, 11:08 pm
Reduced barometer, 29.99 7 a. m. 29.93 7 p. m.
River gage, -0.5 feet
Relative humidity, 81 7 a. m. 90 7 p. m.

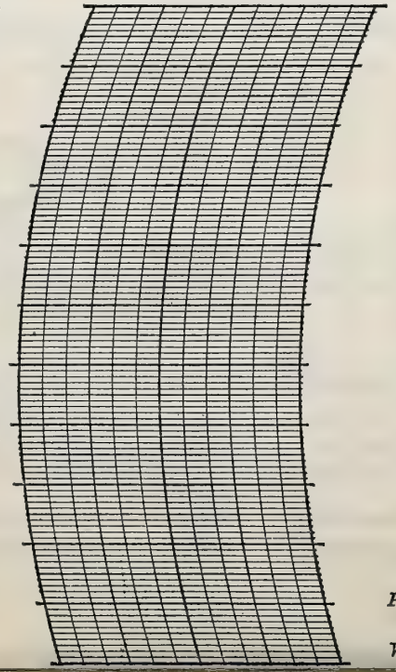
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 33.7 Wet temperature, 30.7
Dew-point, 26 R. humidity, 72 V. pressure, .136
Clouds: Amount, 2; Kind, ci; Direction, SW
Velocity of clouds (miles per hour)

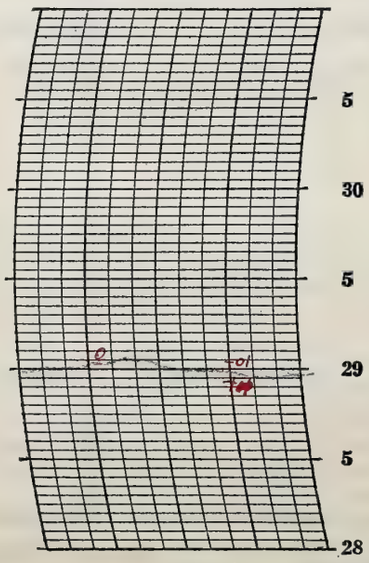
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJS

Verified by

NOTES

A mostly clear day followed by cloudy late in afternoon and at night. Flying conditions good until 4 P. M. then visibility very poor.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind. (Day of week) Sunday, (Date) DEC 21 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	23	23	23	23	23	24	25	25	25	26
Nature of precipitation and time of beginning and ending							SM 6:40	SM 7:10				
Amounts of precipitation							T	T				
Cloudiness and other conditions						Cloudy						
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW
Wind movement	8	12	10	12	14	13	13	12	12	11	9	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	26	26	26	27	25	25	25	25	24	24	24
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	W	W	SW
Wind movement	11	9	9	7	6	8	6	7	7	9	7	8

Sunrise: Time, 7:03 Character, Clouds

Moonrise:

Sunset: Time, 4:16 Character, Clouds

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
27	23	25	

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow, sleet, and hail on ground 7 p. m., 0.3 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0.2 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 230

Average hourly velocity, 9.6 Extreme velocity, 18

Maximum velocity, 17 Direction, SW

Time began, 3:41 a.m.

Reduced barometer, 30.00 7 a. m. 30.18 7 p. m.

River gage, 7.05 feet

Relative humidity, 80 7 a. m. 87 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

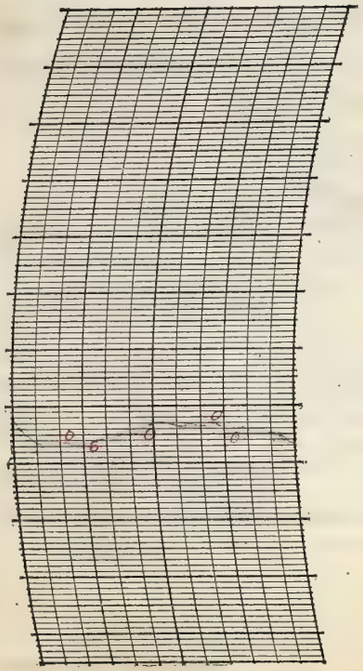
Dry temperature, 26.5 Wet temperature, 25.5

Dew-point, 24 R. humidity, 88 V. pressure, .124

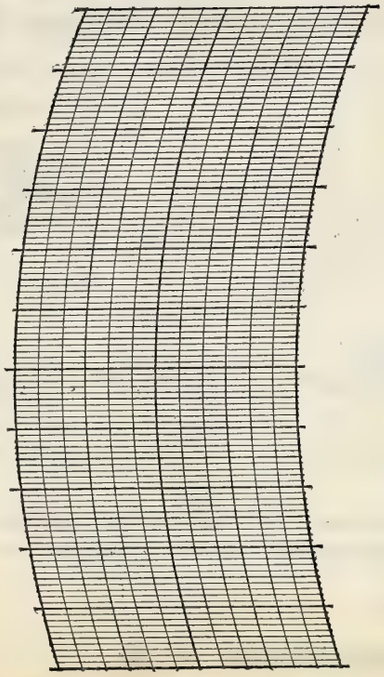
Clouds: Amount, 10; Kind, Cat; Direction, SW

Velocity of clouds (miles per hour)

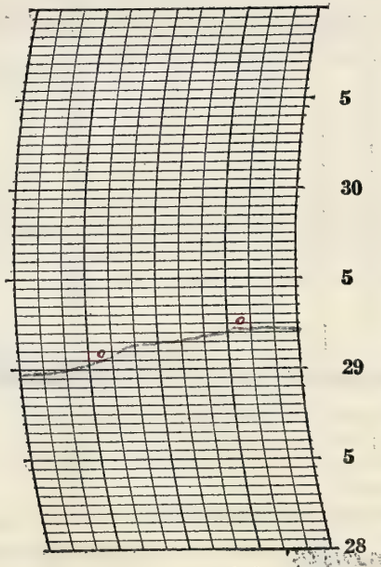
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by J

Verified by

8—486

NOTES

A cloudy day with a few flakes in early morning. Moderate ceilings and visibility.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 22 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	22	22	22	22	22	21	21	20	20	20	21	21	22	23	23	23	22	22	22	22	22	23	23
State of weather: Nature of precipitation and time of beginning and ending										SDB 9.00	SDE 10.45										SMB 8.20			SME DYP
Amounts of precipitation										T	T										T	T	T	.01
Cloudiness and other conditions						←					Cloudy													→
Sunrise: Time, 7.03 Character, Cloudy																					Sunset: Time, 4.16 Character, Cloudy			
Moonrise:																					Moonset:			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	W	SW	SW	SW	SW	S	S	S	S	S	SW	S	S	S	S	SE	SE	S	S	S	S	S	S
Wind movement	7	4	5	4	6	6	7	7	9	9	8	6	8	6	7	7	5	6	6	6	7	6	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

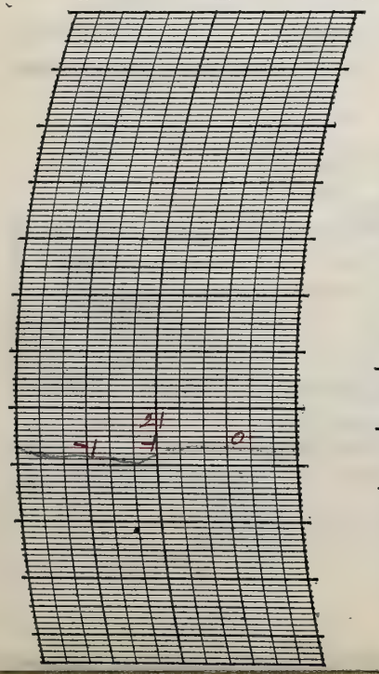
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
23	20	22	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0.2 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, S Total wind, 152
Average hourly velocity, 6.3 Extreme velocity, 12
Maximum velocity, 12 Direction, S
Time began, 9:49 2m
Reduced barometer, 30.14 7 a. m. 30.06 7 p. m.
River gage, -0.5 Real
Relative humidity, 83 7 a. m. 89 7 p. m.

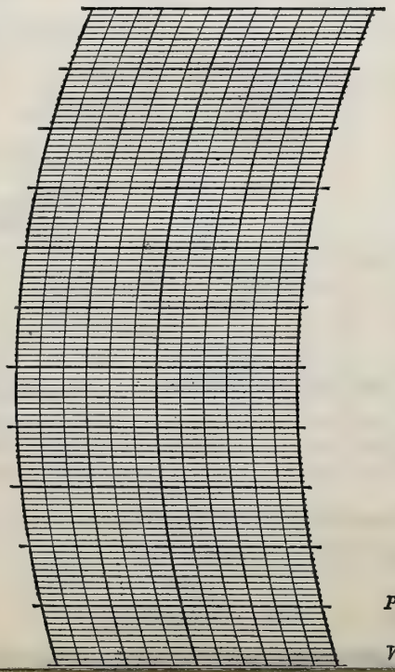
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 21.2 Wet temperature, 20.2
Dew-point, 18 R. humidity, 86 V. pressure, .093
Clouds: Amount, 10; Kind, st; Direction, SW
Velocity of clouds (miles per hour)

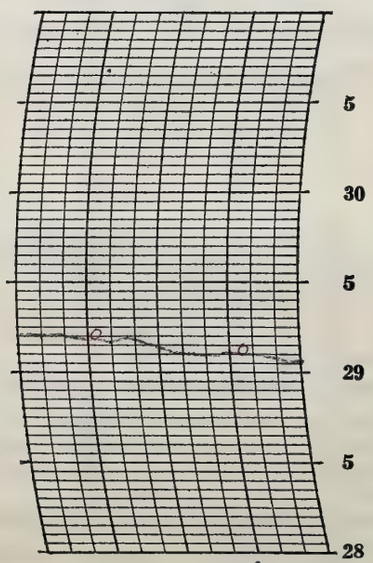
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJF

Verified by

NOTES

A cloudy threatening day with light snow at night. Moderate Ceilings and visibility.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 23 1920, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	22	22	22	22	22	23	23	23	22	24	26
State of weather: Nature of precipitation and time of beginning and ending									SB 9:15	S 10:15		SB 11:00 S E 11:10
Amounts of precipitation									T	T		T
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	W
Wind movement	7	7	6	6	6	5	5	3	7	7	7	9

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	28	26	25	24	24	24	24	24	23	20
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy			Cloudy								
Sunshine (in tenths of hours)	0.5	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	10	11	11	10	10	9	9	8	8	9	8	7

Sunrise: Time, 7:04 Character, cloudy
Moonrise:
Sunset: Time, 4:17 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

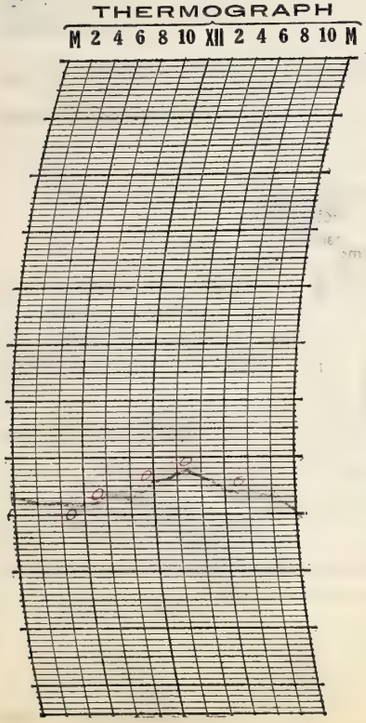
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	20	24	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0.3 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.7 Possible sunshine, hours, 9.2
Per cent of possible sunshine, ~~7~~ 8 %
Prevailing wind direction, W Total wind, 187
Average hourly velocity, 7.8 Extreme velocity, 13
Maximum velocity, 13 Direction, W
Time began, 1:31 P.M.
Reduced barometer, 29.99 7 a. m. 30.09 7 p. m.
River gage, 10.9 feet
Relative humidity, 93 7 a. m. 89 7 p. m.

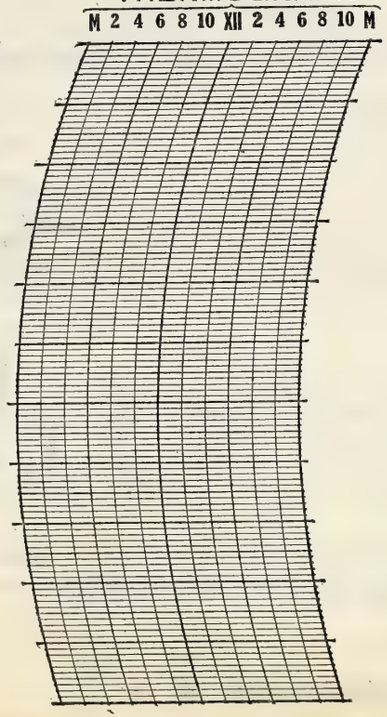
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 25.6 Wet temperature, 23.6
Dew-point, 20 R. humidity, 75 V. pressure, .103
Clouds: Amount, 5; Kind, 2 cu; Direction, SW
Velocity of clouds (miles per hour)

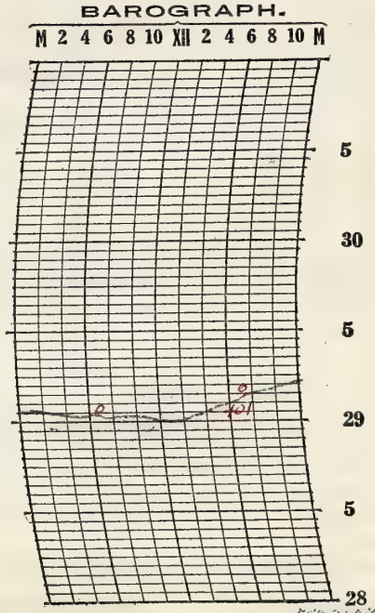
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by [illegible]

Verified by

8—486

NOTES

A cloudy threatening day. However the sun shone through broken clouds for a time at mid-day. Clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind; (Day of week) Wednesday, (Date) DEC 24 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	17	17	18	17	16	13	12	12	15	21	26	28	28	29	28	27	25	24	24	24	23	22	~~22~~ 23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions	← Clear →																							
Sunshine (in tenths of hours)								.93 0	1.0 0	0.7 0.3	1.0	1.0	1.0	1.0	0.6 0.4	1.0 0	.30 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	7	6	4	5	5	4	6	5	5	5	8	7	9	10	9	10	9	9	10	11	11	10	10	11

Sunrise: Time, 7.04 Character, Clear
Moonrise:
Sunset: Time, 4.18 Character, Clear
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

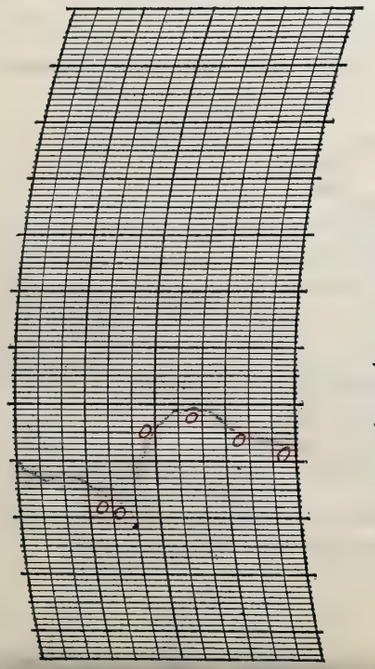
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
29	12	20	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 9.2 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 100
Prevailing wind direction, S Total wind, 186
Average hourly velocity, 7.8 Extreme velocity, 14
Maximum velocity, 14 Direction, S
Time began, 7:10 P.M.
Reduced barometer, 30.34 7 a. m. 30.37 7 p. m.
River gage, −0.5 feet
Relative humidity, 85 7 a. m. 68 7 p. m.

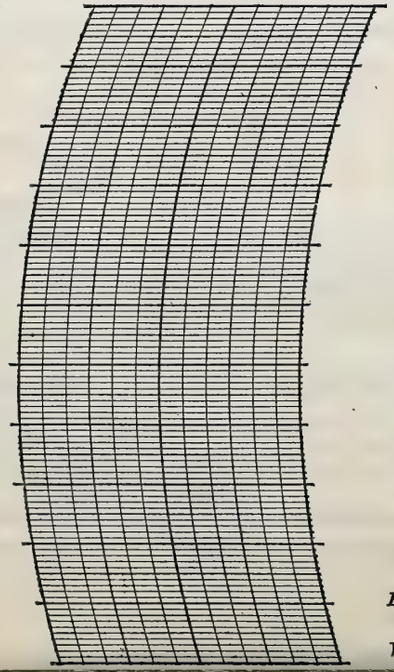
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 26.4 Wet temperature, 23.4
Dew-point, 17 R. humidity, 64 V. pressure, .089
Clouds: Amount, 0; Kind, 0; Direction, 0
Velocity of clouds (miles per hour)

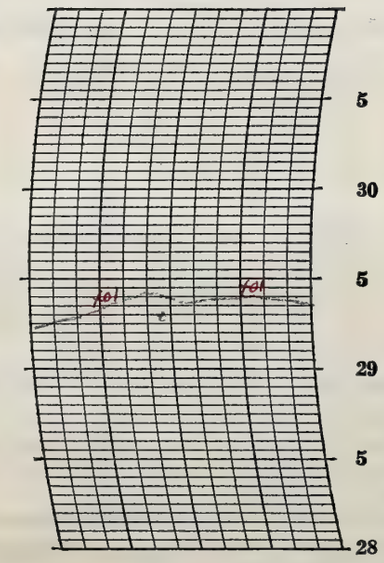
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E.Z.N.

Verified by

NOTES

A Clear beautiful day.
Clear at night.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 25 1930, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	23	23	24	25	26	25	26	28	31	35	38	37	37	38	37	37	36	36	35	35	35	34	33
State of weather: Nature of precipitation and time of beginning and ending														1:45P S 2:05P	S E					m. S B 20 7P			m S E NP	
Amounts of precipitation														T	T					.01	.01	.01	T	
Cloudiness and other conditions	Clear								Pt. Cldy				Cloudy											

Sunrise: Time, 7:05 Character, Clear

Moonrise:

Sunset: Time, 4:28 Character, Cloudy

Moonset:

Sunshine (in tenths of hours)								.92 0	1.0 0	0.2 0.1	0.5	0	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	
Wind movement	11	11	12	11	12	12	10	9	11	16	13	14	16	14	14	12	13	14	13	13	12	10	10	9
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
38	23	30	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 0.3 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .03 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10), 8

Actual sunshine, hours, 2.7 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 29

Prevailing wind direction, S Total wind, 292

Average hourly velocity, 12.2 Extreme velocity, 20

Maximum velocity, 20 Direction, S

Time began, 12 20 P.M.

Reduced barometer, 30.25 7 a. m. 30.11 7 p. m.

River gage, -0.5 feet

Relative humidity, 75 7 a. m. 87 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

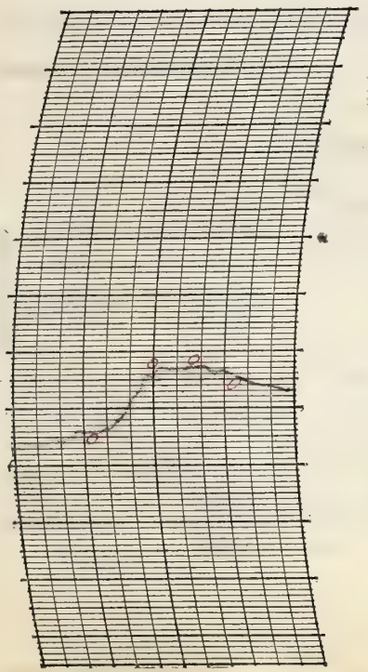
Dry temperature, 37.5 Wet temperature, 32.5

Dew-point, 25 R. humidity, 58 V. pressure, .130

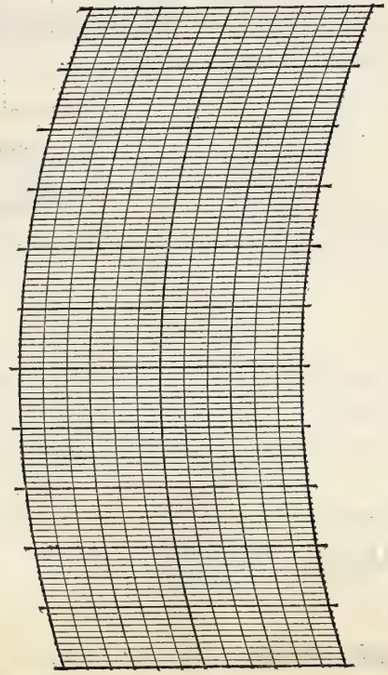
Clouds: Amount, 4; Kind, Cu; Direction, SW

Velocity of clouds (miles per hour)

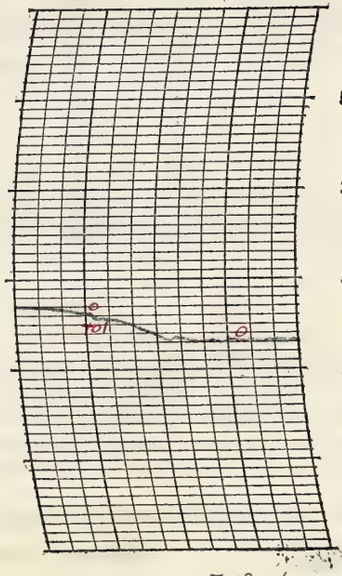
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H

Verified by

8—486

NOTES

a partly cloudy morning followed by a cloudy afternoon only a few flakes of snow fell. melted as it fell

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 26 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	34	34	34	34	34	34	33	34	35	36	37
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0.1
Wind direction	SW	SW	SW	SW	SW	W	W	NW	NW	N	N	N
Wind movement	8	6	5	2	3	2	4	6	7	9	10	10

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	35	34	34	33	33	33	33	33	32	32
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	N	N	N	N	N	N	N	N	N	NW	NW	NW
Wind movement	11	10	10	12	11	13	10	9	8	8	8	9

Sunrise: Time, 7.05 Character, Cloudy
Moonrise:

Sunset: Time, 4.19 Character, Cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

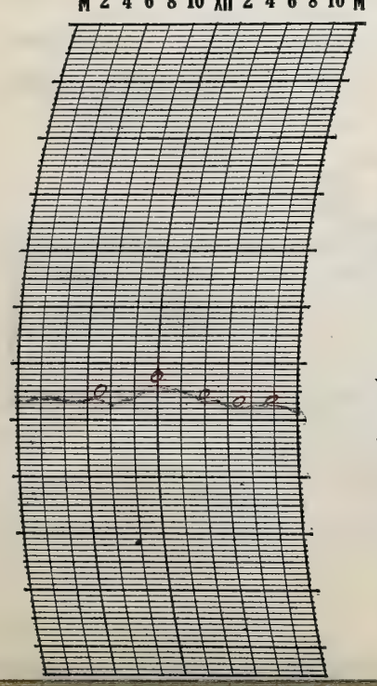
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
37	32	34	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inches.
Snow, sleet, and hail on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .03 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.1 Possible sunshine, hours, 8.2
Per cent of possible sunshine, 1
Prevailing wind direction, N Total wind, 191
Average hourly velocity, 8.0 Extreme velocity, 17
Maximum velocity, 16 Direction, N
Time began, 5.23 pm
Reduced barometer, 30.10 7 a. m. 30.09 7 p. m.
River gage, −0.5 feet
Relative humidity, 95 7 a. m. 71 7 p. m.

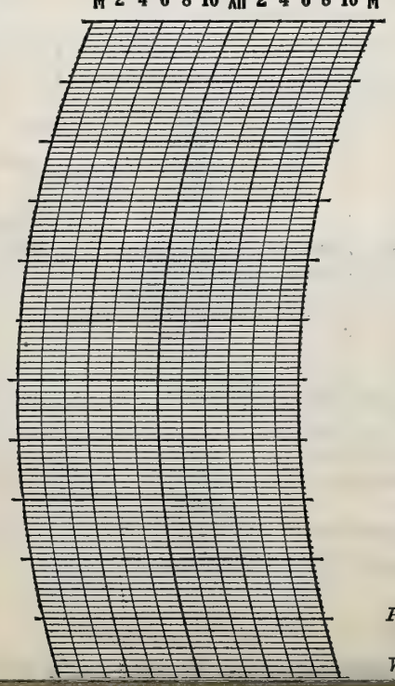
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 36.8 Wet temperature, 35.3
Dew-point, 33 R. humidity, 87 V. pressure, 18.7
Clouds: Amount, 9; Kind, Strat; Direction, N
Velocity of clouds (miles per hour)

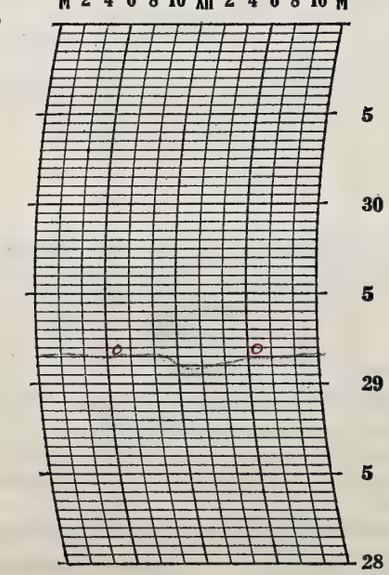
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by E. L. H. Jeff

Verified by

NOTES

o Melted as it fell
A cloudy threatening day.
Ceiling and visibility fair.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 27 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	31	31	31	30	29	29	28	27	27
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions					←							
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	NW	NW	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	6	6	4	5	8	10	12	11	13	13	12

Sunrise: Time, 7:05 Character, cloudy

Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	27	27	28	28	29	29	29	30	30	29	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions							cloudy					→
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	12	11	10	10	10	10	9	8	9	10	9

Sunset: Time, 4:49 Character, cloudy

Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
32	26	29	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow, sleet, and hail on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, cloudy Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 229

Average hourly velocity, 9.5 Extreme velocity, 17

Maximum velocity, 17 Direction, SW

Time began, 7:59 am.

Reduced barometer, 30.11 7 a. m. 30.03 7 p. m.

River gage, +0.5 feet

Relative humidity, 74 7 a. m. 78 7 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

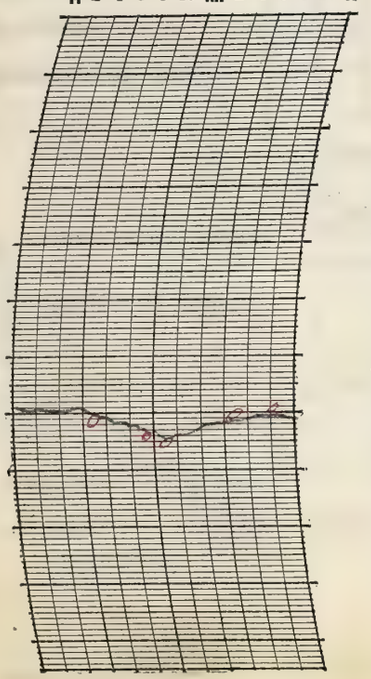
Dry temperature, 22.1 Wet temperature, 25.6

Dew-point, 23 R. humidity, 82 V. pressure, .118

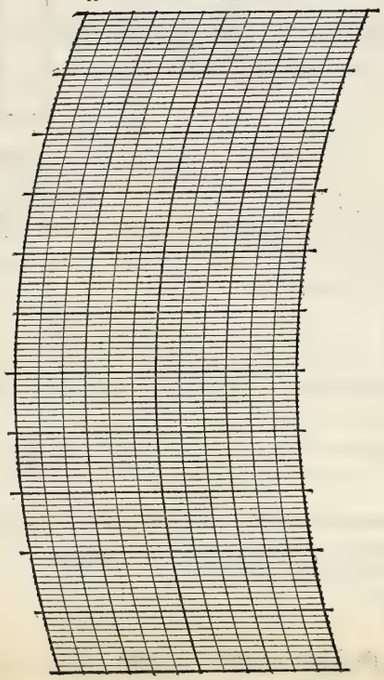
Clouds: Amount, 10; Kind, st; Direction, SW

Velocity of clouds (miles per hour)

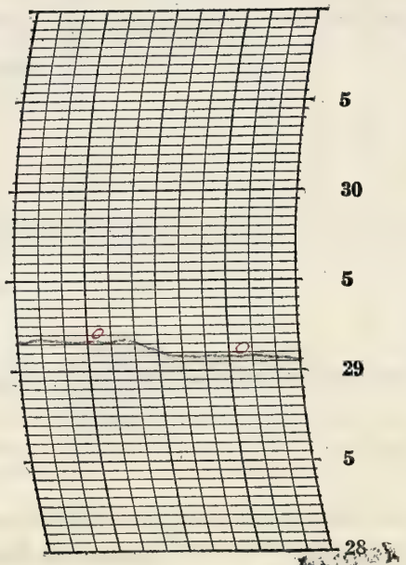
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by

Verified by

S—486

NOTES

A cloudy rather cold day.
Flying conditions fair to good.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 28 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	28	28	28	28	28	28	28	28	29	29	29
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						←						→
Sunshine (in tenths of hours)								0	0	0	0	0
Wind direction	SW	SW	W	SW	SW	SW	W	W	W	SW	W	W
Wind movement	8	10	7	4	4	3	2	3	2	3	4	5

Sunrise: Time, 7:06 Character, cloudy
Moonrise:

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	30	30	31	31	31	31	30	30	30	29	28
State of weather: Nature of precipitation and time of beginning and ending	RB 12:55	RE 1:15										
Amounts of precipitation	T	T										
Cloudiness and other conditions												
Sunshine (in tenths of hours)	0	0	0	0	0							
Wind direction	W	SW	SW	SW	W	W	W	W	SW	SW	W	SW
Wind movement	7	6	5	4	5	5	6	7	7	7	9	10

Sunset: Time, 4:20 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

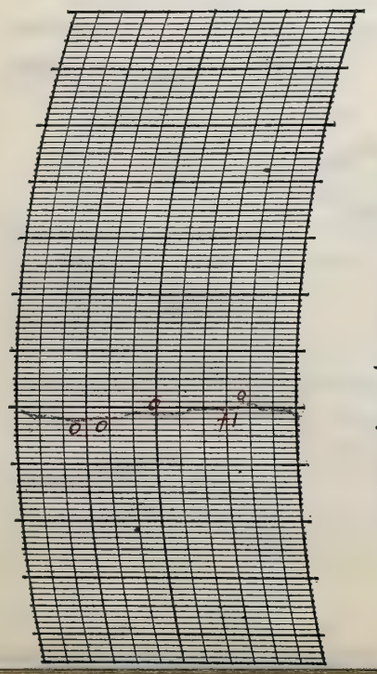
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
31	28	30	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow, sleet, and hail on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, [illegible] Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0 Possible sunshine, hours, 9.2
Per cent of possible sunshine, 0
Prevailing wind direction, SW & W Total wind, 133
Average hourly velocity, 5.5 Extreme velocity, 16
Maximum velocity, 15 Direction, SW
Time began, 11:55 pm.
Reduced barometer, 29.96 7 a. m. 29.88 7 p. m.
River gage, -0.5 feet
Relative humidity, 94 7 a. m. 84 7 p. m.

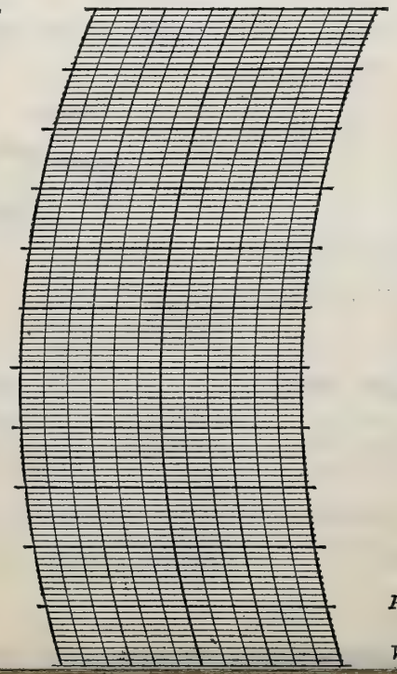
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, 29.1 Wet temperature, 28.1
Dew-point, 26 R. humidity, 89 V. pressure, .136
Clouds: Amount, 10; Kind, st; Direction, W
Velocity of clouds (miles per hour)

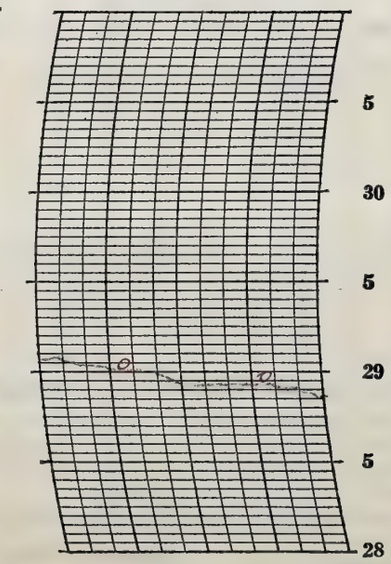
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EJS

Verified by

NOTES

A cloudy rather cold day. Cloudy at night. Moderate ceilings and visibility.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind. (Day of week) Monday, (Date) DEC 29 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	27	27	26	25	25	25	26	26	26	27	27	27	27	28	28	28	27	26	26	26	24	24
													SB 12:45											SB and
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation													T	T	T	T	T	T	T	02	02	T	T	01
Cloudiness and other conditions																								01
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	W	W	W	W	W	W	W
Wind movement	13	12	10	12	14	14	14	13	13	15	15	14	15	14	13	12	12	12	12	12	16	19	16	15
Maximum velocities (exceeding 24 miles) direction and time																								

Sunrise: Time, 7:06 Character, cloudy

Moonrise:

Sunset: Time, 4:21 Character, cloudy

Moonset:

Excessive precipitation, accumulated amounts

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
28	24	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, 1.0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, 0.05 inches.

Character of day, Moon phase,

Average daily cloudiness (0-10), 10

Actual sunshine, hours, 0 Possible sunshine, hours, 9.2

Per cent of possible sunshine, 0

Prevailing wind direction, SW Total wind, 327

Average hourly velocity, 13.6 Extreme velocity, 23

Maximum velocity, 22 Direction, W

Time began, 9:32 pm

Reduced barometer, 29.72 a. m. 29.72 p. m.

River gage, + 0.7 feet

Relative humidity, 75 a. m. 92 p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

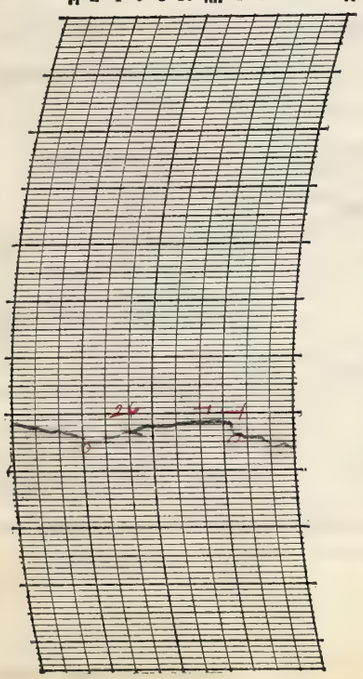
Dry temperature, 27.3 Wet temperature, 25.8

Dew-point, 23 R. humidity, 82 V. pressure, .115

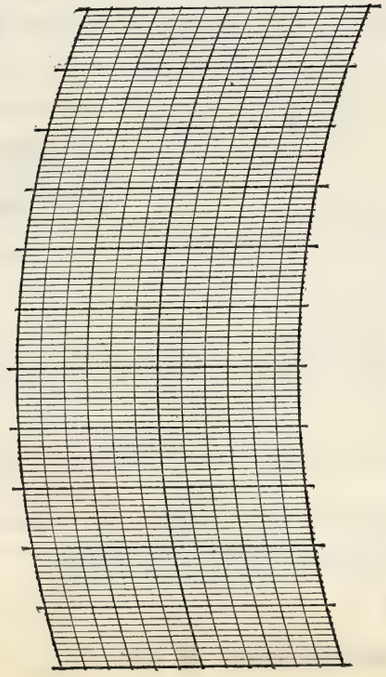
Clouds: Amount, 10; Kind, st; Direction, SW

Velocity of clouds (miles per hour)

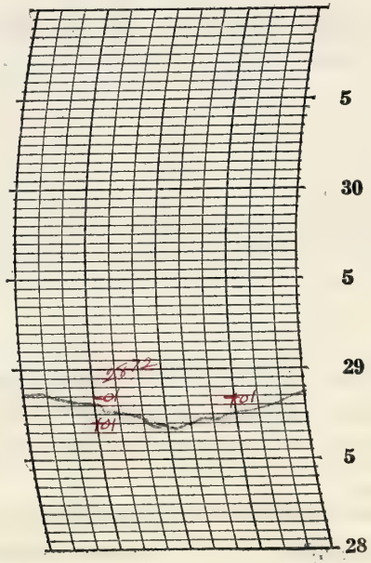
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by CJL

Verified by

8—486

NOTES

A cloudy threatening day followed by snow at night. Poor visibility. Streets and sidewalks were more or less slippery

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 30 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	24	25	23	22	21	20	18	18	17	17	19	21
Nature of precipitation and time of beginning and ending	SD cont	SD E DNe						SD B 7.08	SD E 8.30	SD B 9:30 SDE 9.45		
Amounts of precipitation	T	T						T	T	T		
Cloudiness and other conditions	← cloudy →											
Sunshine (in tenths of hours)								0	0	0	0.2	0
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	14	15	15	13	12	11	12	11	10	11	11	13

	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	21	22	23	23	21	20	19	18	17	18	18	18
Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions	← × part cloudy →											
Sunshine (in tenths of hours)	0	0	0	0.1	0							
Wind direction	W	W	W	SW	SW	SW	SW	S	S	S	S	S
Wind movement	11	12	10	9	6	6	8	10	11	12	11	12

Sunrise: Time, 7.06 Character, cloudy
Moonrise:
Sunset: Time, 4.22 Character, cloudy
Moonset:

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

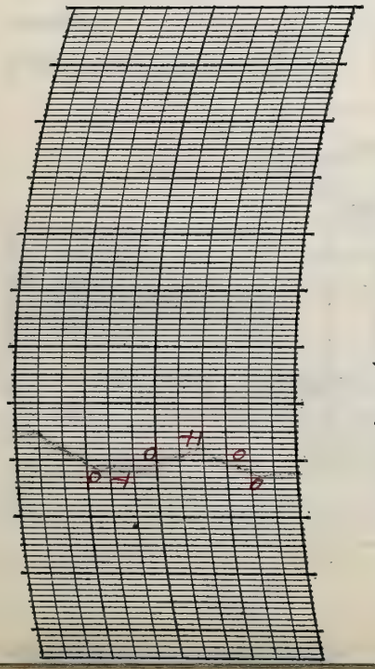
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
25	17	21	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow, sleet, and hail on ground 7 p. m., 0.8 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 0.4 Possible sunshine, hours, 9.3
Per cent of possible sunshine, 4
Prevailing wind direction, W Total wind, 271
Average hourly velocity, 11.3 Extreme velocity, 20
Maximum velocity, 20 Direction, W
Time began, 4.12 am.
Reduced barometer, 30.05 7 a. m. 30.11 7 p. m.
River gage, -0.4 feet
Relative humidity, 84 7 a. m. 76 7 p. m.

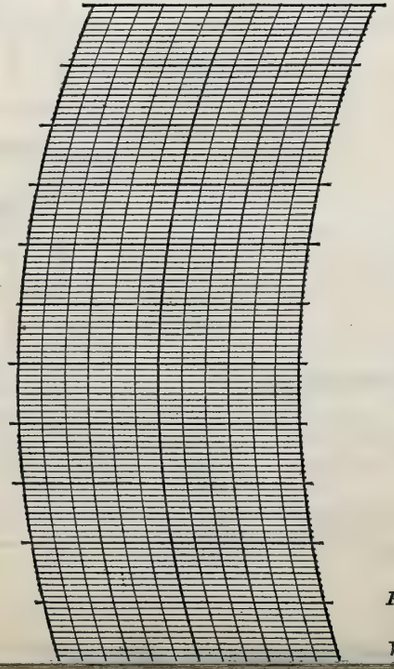
OBSERVATIONS AT 12 NOON. (Local Mean Time.)

Dry temperature, 20.9 Wet temperature, 18.9
Dew-point, 14 R. humidity, 71 V. pressure, .077
Clouds: Amount, 10; Kind, st cu Direction, W
Velocity of clouds (miles per hour)

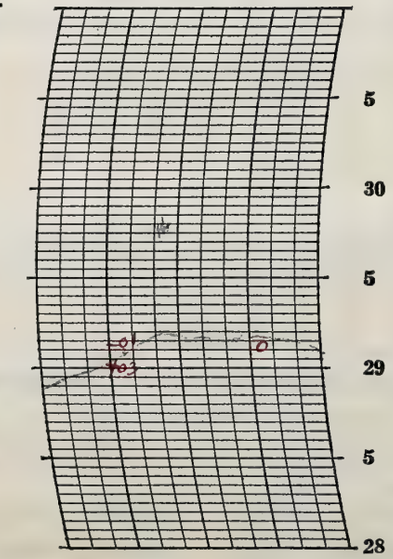
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by EDJ

Verified by

NOTES

A cloudy morning with a few very light snow flurries. The afternoon was partly cloudy. Partly cloudy also at night.

Form No. 1014—Met'1

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind, (Day of week) Wednesday, (Date) DEC 31 1930, 193

Time (local standard) 90 mer. normal time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	19	19	20	22	22	22	22	24	27	29	32
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation												
Cloudiness and other conditions						← clear				x	x	x
Sunshine (in tenths of hours)								0.9 0	1.0 0	0.1 0	0.3	1.0
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	12	14	14	16	15	13	12	12	13	15	13
Maximum velocities (exceeding 24 miles) direction and time												

	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	33	32 SDB 2:30	27 SDE 4:00	25	24	22 SDB 6:25	21	20	19	19	18 SD Cont
State of weather: Nature of precipitation and time of beginning and ending												
Amounts of precipitation			T	T			T	T	T	T	T	T
Cloudiness and other conditions	x	x	x	x	x	x	cloudy					→
Sunshine (in tenths of hours)	0.6	0	0	0	0							
Wind direction	SW	SW	W	NW	W	W	W	W	W	W	W	NW
Wind movement	13	11	14	21	17	16	14	15	13	12	12	9
Maximum velocities (exceeding 24 miles) direction and time												

Sunrise: Time, 7:36 Character, clear

Moonrise:

Sunset: Time, 4:22 Character, cloudy

Moonset:

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.
33	18	26	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow, sleet, and hail on ground 7 p. m., 0.5 inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, part cloudy Moon phase,

Average daily cloudiness (0-10), 6

Actual sunshine, hours, 3.9 Possible sunshine, hours, 9.3

Per cent of possible sunshine, 42

Prevailing wind direction, SW Total wind, 328

Average hourly velocity, 13.7 Extreme velocity, 25

Maximum velocity, 24 Direction, NW

Time began, 3:45 p.m.

Reduced barometer, 29.91 7 a. m. 30.08 7 p. m.

River gage, -0.2 feet

Relative humidity, 79 7 a. m. 86 7 p. m.

OBSERVATIONS AT 12 NOON. (Local Mean Time.)

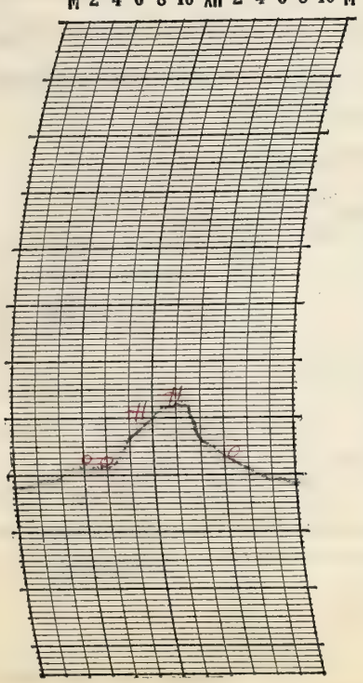
Dry temperature, 32.1 Wet temperature, 29.0

Dew-point, 24 R. humidity, 68 V. pressure, .124

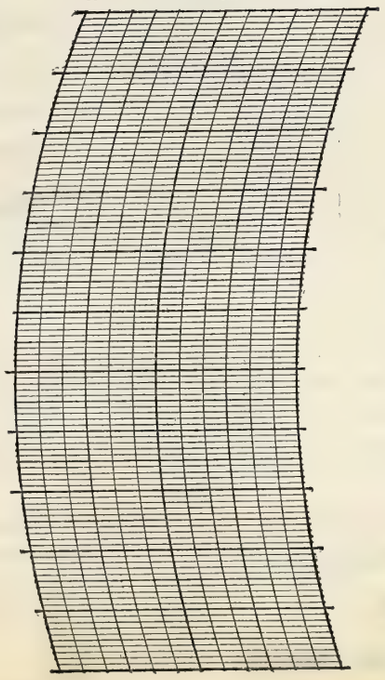
Clouds: Amount, 3; Kind, Cu; Direction, W

Velocity of clouds (miles per hour)

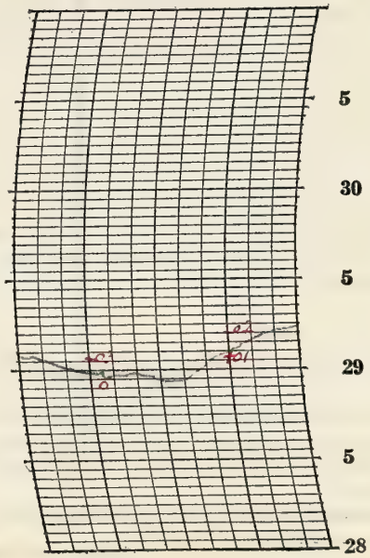
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by C.J.

Verified by

8—436

NOTES

A clear morning followed by cloudy and snow furries in the afternoon. Streets became very slippery about 4:00 pm The sun in the morning caused a thaw and the drop in temperature and the snow furries caused a glaze to form on the streets at that time that continued all night. The snow furries also caused poor visibility.

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) _____, (Date) _____, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, ____ ____ Moonrise: ____ ____																				Sunset: Time, Character, ____ ____ Moonset: ____ ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

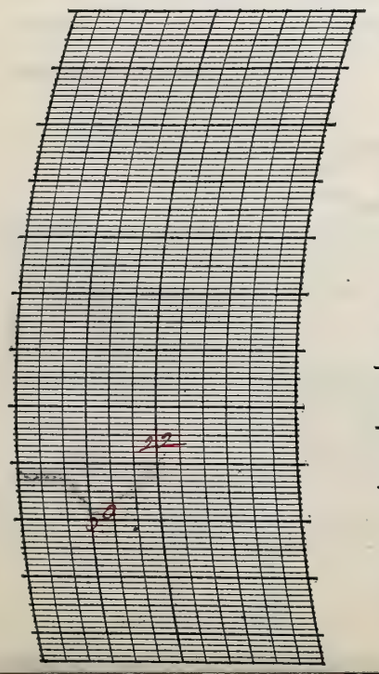
Dry temperature, _____ Wet temperature, _____

Dew-point, _____ R. humidity, _____ V. pressure, _____

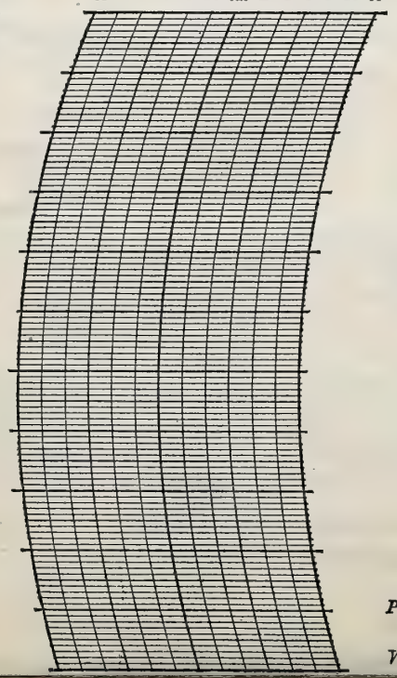
Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

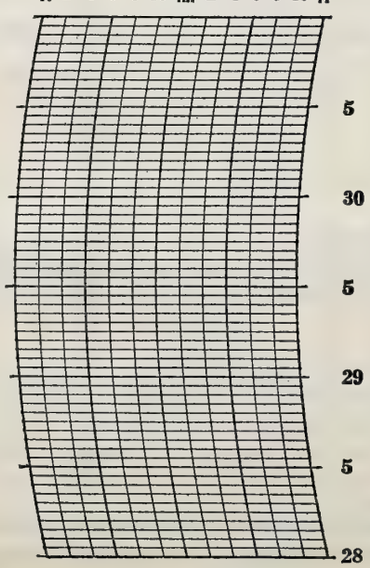
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

Verified by _____

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow, sleet, and hail on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0-10), ____

Actual sunshine, hours, ____ Possible sunshine, hours, ____

Per cent of possible sunshine, ____

Prevailing wind direction, ____ Total wind, ____

Average hourly velocity, ____ Extreme velocity, ____

Maximum velocity, ____ Direction, ____

Time began, ____ ____

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

Relative humidity, ____ a. m. ____ p. m.

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, ____ Wet temperature, ____

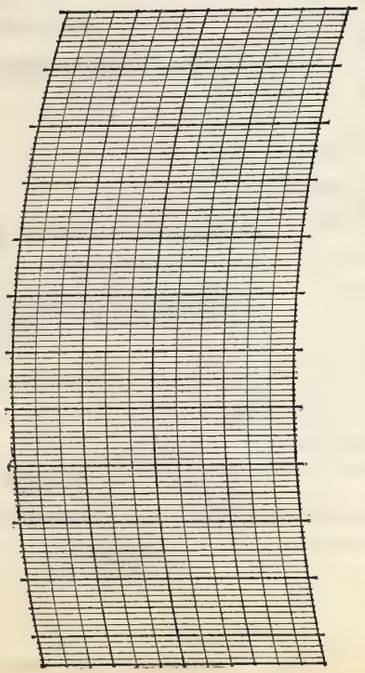
Dew-point, ____ R. humidity, ____ V. pressure, ____

Clouds: Amount, ____; Kind, ____; Direction, ____

Velocity of clouds (miles per hour) ____

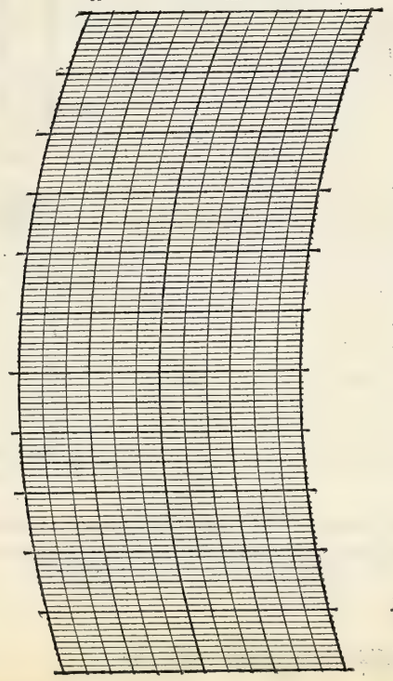
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



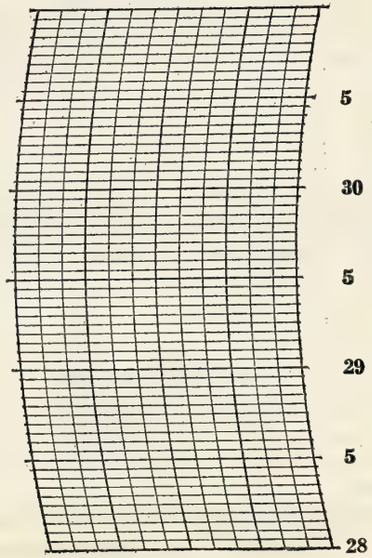
THERMOGRAPH

M 2 4 6 8 10 XII 2 4 6 8 10 M



BAROGRAPH.

M 2 4 6 8 10 XII 2 4 6 8 10 M



Prepared by ____

Verified by ____

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, 193

Time (local standard) 90 mer. normal time.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

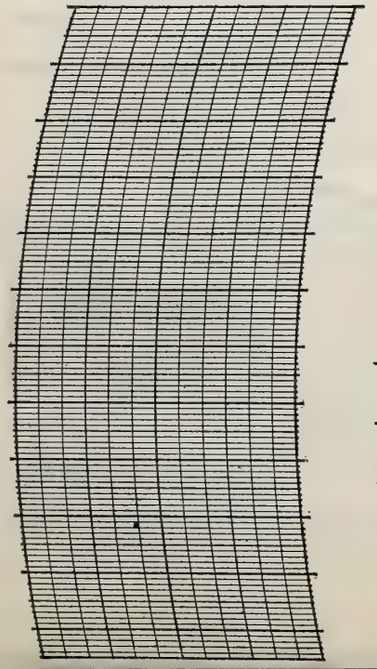
Dry temperature, _____ Wet temperature, _____

Dew-point, _____ R. humidity, _____ V. pressure, _____

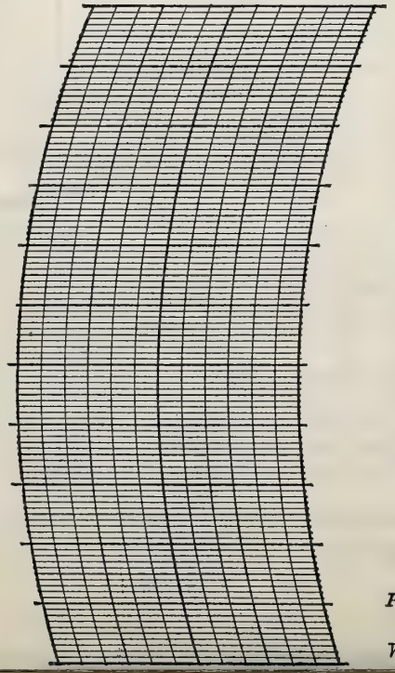
Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

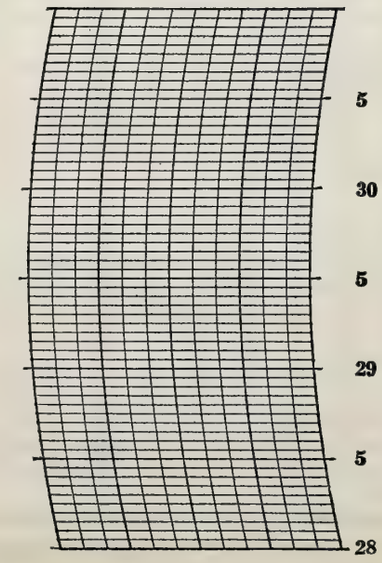
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

Verified by _____

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, *193*

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

Excessive precipitation, accumulated amounts

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

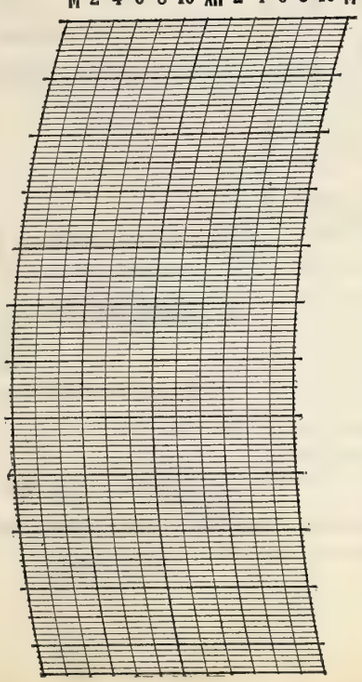
Dry temperature, _____ Wet temperature, _____

Dew-point, _____ R. humidity, _____ V. pressure, _____

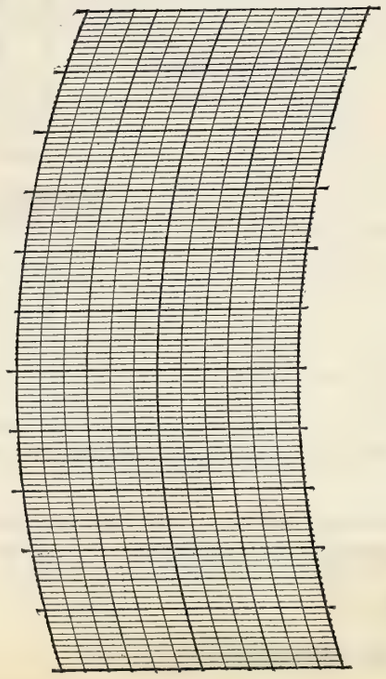
Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

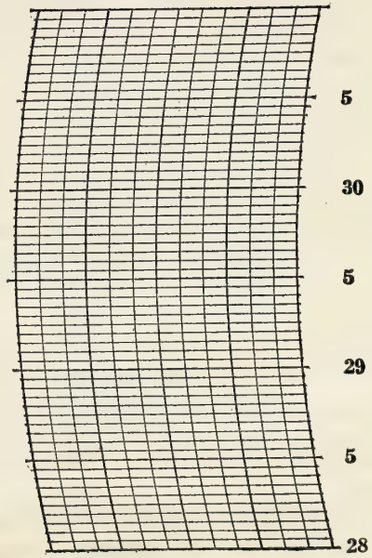
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

Verified by _____

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) ____________, (*Date*) ____________, 193

Time (local standard) 90 mer. normal time.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, Character, Moonrise:																				Sunset: Time, Character, Moonset:			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ___ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

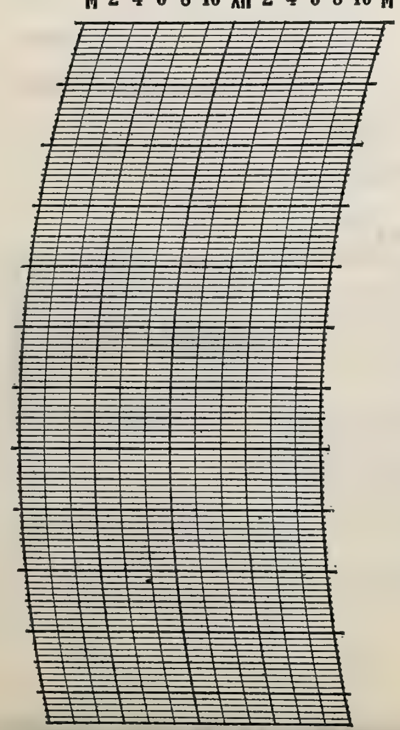
Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending ______ p. m., ______ inches.
Snow, sleet, and hail on ground ________ p. m., ________ inches.
Total snowfall, midnight to midnight, ________ inches.
Precipitation to ______ a. m., ______ ins.; to ______ p. m., ______ ins.
Total precipitation, midnight to midnight, ________ inches.
Character of day, ______________ Moon phase, ______________
Average daily cloudiness (0–10), ______________
Actual sunshine, hours, ________ Possible sunshine, hours, ________
Per cent of possible sunshine, ______________
Prevailing wind direction, ____________ Total wind, ________
Average hourly velocity, ________ Extreme velocity, ____________
Maximum velocity, ______________ Direction, ______________
Time began, ______________ ______________
Reduced barometer, ______________ a. m. ______________ p. m.
River gage, ______________
Relative humidity, ______________ a. m. ______________ p. m.

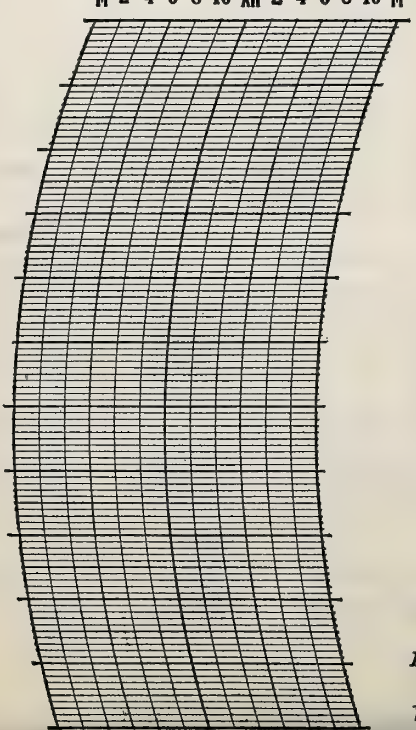
OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

Dry temperature, ____________ Wet temperature, ____________
Dew-point, ________ R. humidity, ________ V. pressure, ________
Clouds: Amount, ________; Kind, ________; Direction, ________
Velocity of clouds (miles per hour) ______________

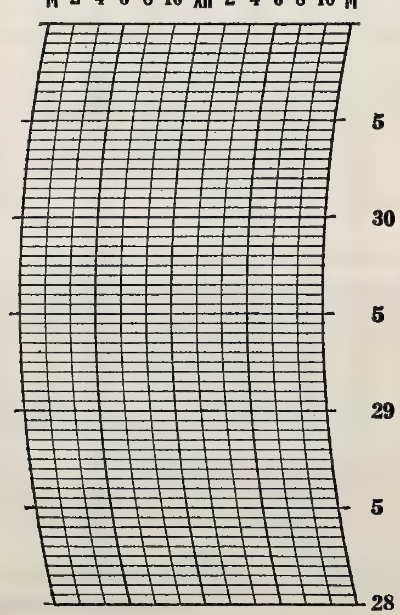
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by ______________

Verified by ______________

NOTES

U. S. GOVERNMENT PRINTING OFFICE: 1932

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(*Station*) Fort Wayne, Ind., (*Day of week*) _____, (*Date*) _____, 193

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____ Moonrise: _____																				Sunset: Time, _____ Character, _____ Moonset: _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

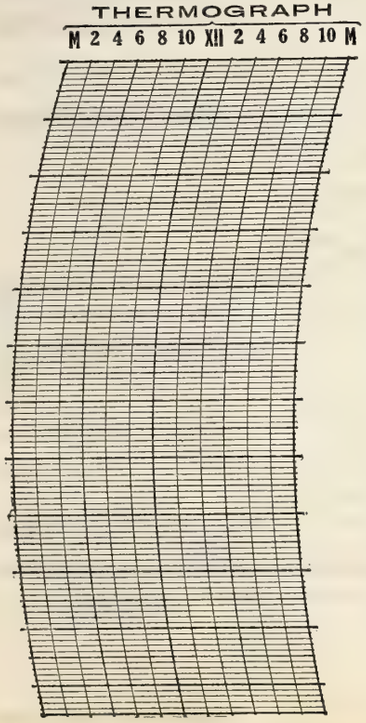
Dry temperature, _____ Wet temperature, _____

Dew-point, _____ R. humidity, _____ V. pressure, _____

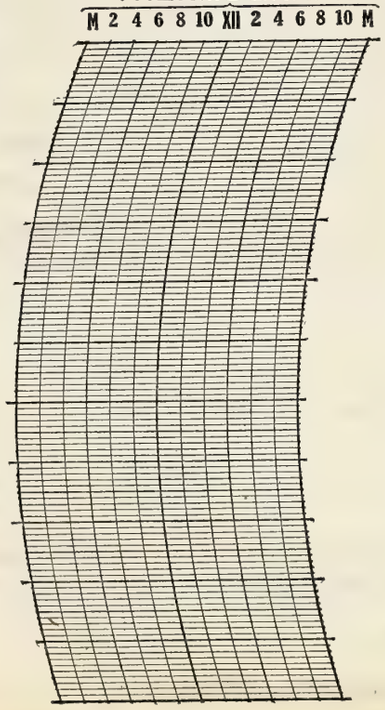
Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

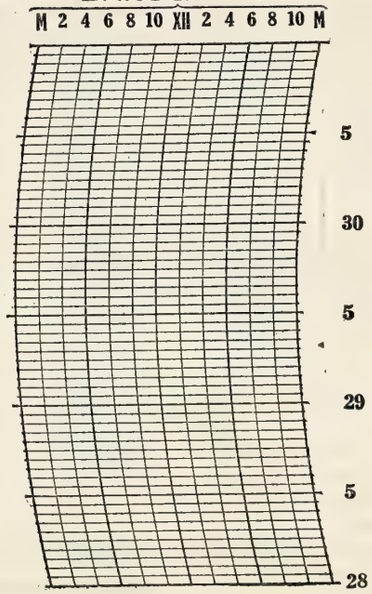
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

Verified by _____

8—486

NOTES

Form No. 1014—Met'l

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., *(Day of week)* _____, *(Date)* _____, *193*

Time (local standard) 90 mer. normal time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____ Moonrise: _____																				Sunset: Time, _____ Character, _____ Moonset: _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

Maximum Temperature.	Minimum temperature.	Mean temperature.	Normal temperature.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow, sleet, and hail on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0-10), _____

Actual sunshine, hours, _____ Possible sunshine, hours, _____

Per cent of possible sunshine, _____

Prevailing wind direction, _____ Total wind, _____

Average hourly velocity, _____ Extreme velocity, _____

Maximum velocity, _____ Direction, _____

Time began, _____ _____

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

Relative humidity, _____ a. m. _____ p. m.

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

OBSERVATIONS AT 12 NOON.
(Local Mean Time.)

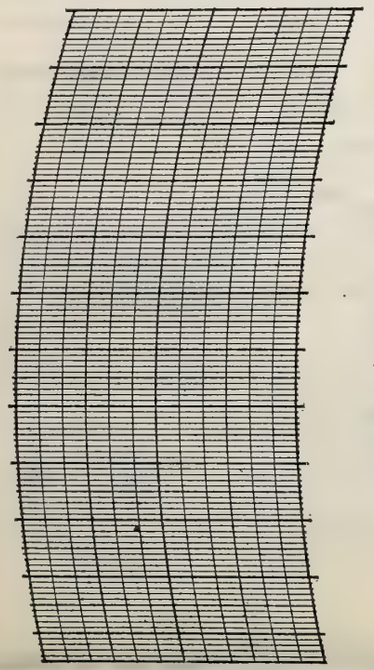
Dry temperature, _____ Wet temperature, _____

Dew-point, _____ R. humidity, _____ V. pressure, _____

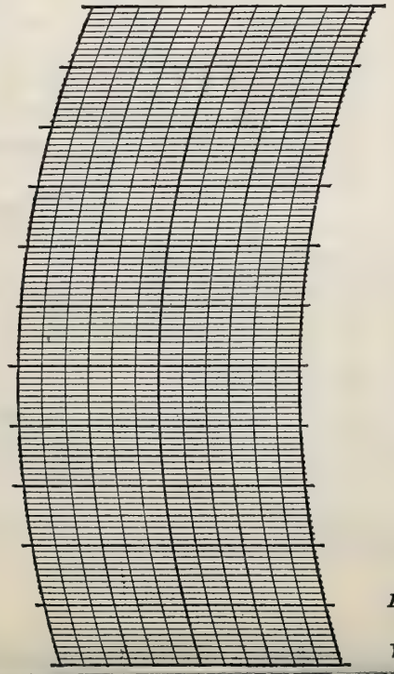
Clouds: Amount, _____; Kind, _____; Direction, _____

Velocity of clouds (miles per hour) _____

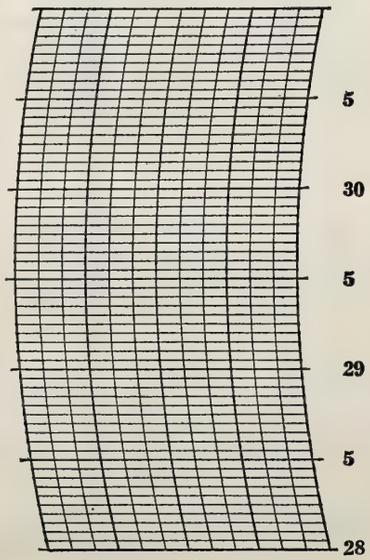
THERMOGRAPH



THERMOGRAPH



BAROGRAPH.



Prepared by _____

Verified by _____

NOTES

INDEX, DAILY LOCAL RECORD, 193

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras									29			
Clouds, special formation												
Cold waves	22		1, 20							4,5,14,16	5, 13,20,	
Dew, heavy deposits of												
Droughts												
Earthquakes												
Fires, forest												
Fog, dense	13,27,30		24	17					13	10,11	12	6
Floods, other than in rivers												
Frosts, light				5, 22, 23	25, 29, 30				21, 28, 29,30			
Heavy				2, 3, 4, 9						1		
Killing				24,25						18		
First killing after July 15										18		
Last killing before July 15				25								
Last heavy before July 15				9								
First heavy after July 15										1		
Hail. *See* Precipitation												
Ice	7,8,											
Lightning, damage by												
Deaths by												
Meteors												
Navigation, opening												
Closing												
Impeded												
Observations, not taken												
Taken late												
Special												
Optical phenomena, haze												
Coronæ												
Halo, lunar		8,	9, 11,	5,					6,			
Solar		1, 18,	23,	5,	17,23, 31,	11,						
Parhelia												
Parselenæ												
Rainbows												
Sunrise, peculiar												
Sunset, peculiar												
Zodiacal light												
Precipitation, rain, heavy	7,13,14,		18	16	18, 23	5,15,17	21, 27		7,22,	7,8	30	
Excessive					23	15, 17	21		7,22-23			
Sleet	9, 14		18								2	

8—486

ENTER DATES, NOT PAGES.

INDEX, DAILY LOCAL RECORD, 193

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation—Continued.												25, 30, 31
Snow, light	24, 25, 27, 31 2, 3, 15, 16, 22,	15, 17, 1, 8, 9, 10, 13, 14	25, 27, 29, 30, 3, 6, 11, 12, 18,	7						17, 24, 30, 31	6	19, 20, 21, 22, 23, 1, 8, 11, 13, 14, 15,
Heavy	17, 20, 21, 26,	6, 16	2, 26								29, 24, 25, 26	18, 29
Hail						17						
Wet periods												
Rivers, rapid rise												
Flood stages	9, 10, 11 2, 3, 4, 5, 6, 7, 8,						26-31. 20, 21, 24, 25,	2-31,	1-30,	1-31	1-30	1-31
Low-water stages, unusual					17							
High water, periods of	2-20	23-28	1-2	17-20								
Frozen												
Floating débris												
Gorges												
Running ice												
Warnings. *See* Warnings												
Smoke, light												
Dense				2								
Temperature, unusually high	6	25	16	11	10	23	19, 20	3	13	12	19	11
Unusually low	18	16	3	24	29	7	2	12	28	20	28	2
Sudden rise												
Sudden fall												
Periods of high	5-7	19-26	12-17	10-14	5-10	22-25	18-21	2-9	11-14	7-16	12-20	3-13
Periods of low	17-19, 22-26	14-16	1-4, 25-30	22, 26	28-30	6-11	1-5	17-21	27-30	18-25	24-29	15-25
Thunderstorms	14,	24		30 15, 16, 17, 29,	7, 11, 23, 27	24, 30, 5, 6, 12, 15, 17,	12, 21, 27	5, 6, 7, 9,	14, 22	16		
Tornadoes												
Warnings, advisory												
Cold wave	3, 6, 14, 21		1, 20									1
Emergency												
Frost				26 22, 23, 24, 25,					27, 28, 29, 30	1, 17, 18		
Hurricane												
Rapid rise in river												
Flood												
Winds, 22 to 32 miles per hour	24, 28, 3, 6, 7, 14, 15, 17	26 2, 9, 10, 12, 14,	24, 25, 27, 2, 7, 11, 12, 20,	22, 30 1, 3, 6, 7, 8, 11, 18,	23, 1, 2, 5, 7, 12, 13,	5, 15, 27,	1, 12, 13, 28, 21,	21, 23, 9	28, 14, 22, 26, 27,	16, 17, 19, 31	24, 26 5, 16, 21, 22, 23,	1, 11, 29, 31
33 miles per hour, or over												
Hurricanes												

8—486

ENTER DATES, NOT PAGES.

HECKMAN
BINDERY, INC.
Bound-To-Please®
DEC 02
N. MANCHESTER, INDIANA 46962